January 1979
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Acrosonic Action Removal | Ritchie, Duncan |
| Anticipated Drop Technique | Defebaugh, George |
| Bridge Tilt Cant and Roll | Krefting, Jack |
| Bylaws Outline - Chapters | Editor |
| Forming Tuning Pin Coils | Morgan, George R. |
| Hammer Ordering | Berg, Harry |
| Here We Go Into 1979 | Santy, Don |
| Jumping Pins | Krefting, Jack |
| Plastic Action Parts | Bloch, John |
| Plate Acoustics | Krefting, Jack |
| President's Report | Morton, W. Don |
| PTG Visits Europe | Editor |
| Spacing Steinway Shanks | Krefting, Jack |
| Starting Chapter Newsletter | Editor |
| The Bumping Action | Engelhardt, Jim |
| The Bumping Action | Pfeiffer, Walter |
| The Piano Hammer | Krefting, Jack |
| Treble Trouble | Hunt, Newton J. |
| Vertical Uniform Letoff | Knoblock, Mike |

## KEYWORDS:

Acrosonic Action Removal, Action, Action Differences, Actions, Aim & Function, Anticipated Drop Technique, Bridge Tilt Cant and Roll, Bridges, Bylaws Outline - Chapters, Design, Drop Action Removal, Forming Tuning Pin Coils, Hammer, Hammer Let-Off & Travel, Hammer Ordering, Here We Go Into 1979, High Treble and Low Bass, Jumping Pins, Materials, Newly Formed Chapter, Newsletters & Publicity, Ordering New Hammers, Other, Parts, piano, Piano Technicians Guild, Pin Coil Makers, Pins Jumping, Plastic Action Parts, Plastics, Plate, Plate Acoustics, President's Report, PTG Visits Europe, Raising Pitch, Rebuilding, Regulating, Reports, Spacing & Traveling Hammers, Spacing Steinway Shanks, Starting Chapter Newsletter, The Bumping Action, The Piano Hammer, Theory, Tighteners, Too Tight, Travel & Recreation, Treble Trouble, Tuning, Unusual Types, Vertical Uniform Letoff

February 1979
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Bridle Strap Purpose | Krefting, Jack |
| Grand Damper Wires | Krefting, Jack |
| Ivory Imports | Comstock, Woody |
| Key Bushings Removal | Donelson, James |
| Repetition In Verticals | Krefting, Jack |
| Replacing Strings | Krefting, Jack |
| Social Security Costs | Hoskins, Leslie |
| Sticking Keys In Verticals | Stone, Sidney |
| The Tuner Technician | Santy, Don |
| Total Piano Production | Santy, Don |
| Transposing Pianos | Krefting, Jack |
| Tuning Tests | Hunt, Newton J. |
| What Old Folks Are Doing? | Morton, W. Don |

## KEYWORDS:

Action, Bridle Strap Purpose, Business, Etc., Experimental Piano, Family Participation, Grand Damper Wires, Hooks, Insurance, Ivories, Ivory Imports, Key Bushing Removal, Key Bushings Removal, Key Easing, Keys, Lift Rods, Materials, Parts, Piano Industry, Pitch Changes, Production, Rails, Rebuilding, Regulating, Repetition In Verticals, Replacing Strings, Social Security, Social Security Costs, Spacing & Leveling, Sticking Keys In Verticals, String Replacement & Ordering, Tests By Sections, The Profession, The Tuner Technician, Theory, Total Piano Production, Transposing Pianos, Tuning, Tuning Tests, Verticals, What Old Folks Are Doing?, Whippen Assembly, Wires

March 1979
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Annual Income Vs. Expense | Odenheimer, Fred |
| Cleaning Old Ivories | Eaton, Wendell E. |
| Concert Pianist And Tuner | Wathen, Michael J. |
| Damper Regulation | Boone, Danny L. |
| Electric Piano Developer | Rhodes, Harold |
| Keytops Removal | Krefting, Jack |
| Making Motions | Thompson, Ailsa |
| Pedal Prop Nuts Tightened | Koford, Herman |
| Plastic Keys Cracking | Krefting, Jack |
| Plate Stress | Krefting, Jack |
| Professional Attitudes | Morton, W. Don |
| Sharing Our Knowledge | Robinson, Christopher S. |
| Small Business Man's Plight | Santy, Don |
| Soundboard Repairs | Krefting, Jack |
| Tightest Flange Center | Krefting, Jack |
| Tuning Different Temperaments | Hunt, Newton J. |
| Warped Keys Repair | Krefting, Jack |

## KEYWORDS:

Annual Income Vs. Expense, Artists, Business, Business Procedures, Cleaning, Cleaning Old Ivories, composers, Concert Pianist And Tuner, Damper Regulation, Damper Spacing Timing Positioning, Early Temperaments, Electric Piano, Electric Piano Developer, Electric Pianos, Electronics, etc.), Key Tops and Fronts, Keytop Removing & Gluing, Keytops Removal, Lyre, Making Motions, Musicians (pianists, Others Work, Pedal Prop Nuts Tightened, Pedals, Piano Technicians Guild, Plastic Keys Cracking, Plate Stress, Polishing, Professional Attitudes, Rebuilding, rebuilding, Regulating, Sharing Of Knowledge, Sharing Our Knowledge, Small Business Administration, Small Business Man's Plight, Soundboard Repairs, Stress, Tightening Flanges, Tightest Flange Center, Tuning, Tuning Different Temperaments, Wages & Economy, Warped Keys, Warped Keys Repair

April 1979
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| A Public Relations Effort | Editor |
| Adaptability In Tuning | Hunt, Newton J. |
| Advice For New Piano Owner | Mencher, Steve |
| Anomalous Scales | Hunt, Newton J. |
| Damper Regulation | Bennett, Art |
| Easy Action From Bracket | Koford, Herman |
| Easy Heavy Pedal Action | Koford, Herman |
| False Beats | Hunt, Newton J. |
| Glue Types And Uses | Knoblock, Mike |
| Grand Action Regulation | Edwards, La Roy |
| Grand Hammer Hanging Jig | Holder, John L, |
| Heavy Action Problem | Krefting, Jack |
| Lost Motion and Key Dip | Turanzac, Jose |
| Lubrication of Piano Parts | McKlveen, Ben |
| Piano Term Definitions | Krefting, Jack |
| Professional Responsibility | Morton, W. Don |
| Recrowning Soundboard | Bloch, John |
| Removing Doweled Pinblocks | Krefting, Jack |
| Sharps Leveling Tool | Baldwin Company |
| Soundboard Refinishing | Krefting, Jack |
| Soundboard Repairs | Bloch, John |
| Substituting Shanks | Krefting, Jack |
| The Dissatisfied Customer | Huether, Charles P. |
| Tuner Customer Relations | McQuigg, Howard J. |
| Von Der Werkstatt, Premeier, Key Repair & Regulation | Rappaport, Priscilla & Joel |
| Workmanship Standards | Santy, Don |

## KEYWORDS:

A Public Relations Effort, Acoustics, action from frame, Action Removal & Replacement, Adaptability In Tuning, Adhesives, Advice For New Piano Owner, Analysis & Correction, Anomalous Scales, Business, Crown Restoration, Customer Buying (New), Customer Relationships, Damper Regulation, Damper Spacing Timing Positioning, Easing, Easy Action From Bracket, Easy Heavy Pedal Action, False Beats, False Beats Elimination, General Items, Glue Types And Uses, Grand Action Regulation, Grand Hammer Hanging Jig, Heavy Action Problem, Inharmonicities in Temp., inventions, Jigs, Key Dip, Key Easing, Key Repair & Regulation, Keys, Lost Motion and Key Dip, Lubricants, Lubricants and Cleaners, Lubrication of Piano Parts, Musical Scales, Nomenclature, Other, Parts, parts, Pedal Adjustments, Piano Technicians Guild, Piano Term Definitions, Pinblock Removal, Positioning & Boring Hammers, Professional Responsibility, Public Relationships & Ge, Publicity, Rebuilding, rebuilding, Recrowning Soundboard, Regulating, Removal & Installation of Action, Removing Doweled Pinblocks, Replacing Shanks, Sharps Leveling Tool, Shop Set-Ups,, Soundboard Refinishing, Soundboard Repairs, Spacing & Leveling, Standards & Code of Ethics, Substituting Shanks, The Dissatisfied Customer, tools & equipment, Tools and Equipment, Tuneability, Tuner Customer Relations, Tuning, Types, Voicing, Von Der Werkstatt, Workmanship Standards

May 1979
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Business Promotion | Santy, Don |
| Extracting Spinet Action | Payne, Robert |
| Extracting Upright Action | Scheer, John L. |
| False Beats | Krefting, Jack |
| False Beats | Krefting, Jack |
| Filling Chipped Ivories | |
| Keeping New Members | Krefting, Jack |
| Keeping New Members | Krefting, Jack |
| Maintaining Newsletters | Krefting, Jack |
| Metal Pinblock | Krefting, Jack |
| Pitch Raising New? | Hunt, Newton J. |
| Player Piano Systems | McCall, Raye |
| Pricing Into Trouble | Huether, Charles P. |
| Rate of Piano Tone Decay | Baldwin Company |
| Refastening Ribs | Huether, Charles P. |
| Replacing Hammer Butts | Harr, Tom |
| Self Image And More | Schoenberger, Art |
| Setting Hammer Escapements | Waltrip, Robert |
| Silicone In Pinblock | Krefting, Jack |
| Soundboard Recrowning | |
| Soundboard Recrowning? | Bloch, John |
| Surprise? Unexpected Work | Rappaport, Priscilla & Joel |
| Tone Instability New Piano | Dinwiddie, James |
| Tones Decay Then Sustain | Baldwin Company |
| Tuning Stability New Piano | Krefting, Jack |

## KEYWORDS:

Acoustics, Action, Bonding Ribs to Board, Business, Business Promotion, cleaning, Crown Restoration, Extracting Spinet Action, Extracting Upright Action, False Beats, False Beats Elimination, Filling Chipped Ivories, General, Hammer Butts, Hammer Let-Off & Travel, History, Ivory Replacements, Keeping New Members, Maintaining Newsletters, Membership Outreach, Metal Pinblock, Noteworthy Failures, Participation Community Af, Parts, Piano Industry, Piano Technicians Guild, Pinblock, Pitch Raising New?, Player Mechanisms, Player Piano Systems, polishing, Price-Lists & Guides, Pricing Into Trouble, Problems, projection, Prospects & Promotion, Raising Pitch, Rate of Piano Tone Decay, Rebuilding, Refastening Ribs, Regulating, Removal & Installation of Action, repair, Replacing Hammer Butts, Research, Self Image And More, Self-Examination, Setting Hammer Escapements, Silicone In Pinblock, Small Business Administration, Soundboard Recrowning, Soundboard Recrowning?, Surprise? Unexpected Work, tone evaluation, Tone Instability New Piano, Tones Decay Then Sustain, Tuneability, Tuning, Tuning Stability New Piano, Variability of Inharmonicity, Voicing, voicing

June 1979
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| "Prepared" Pianos | Brady, Thomas M. |
| Aids For Visually Impaired | Santy, Don |
| Balance Rail Hole Reamer | Wheeler, Elizabeth |
| Bouncing Hammers | Berg, Harry |
| Bridge Pins | Graham, Susan |
| Cracked Plate | Krefting, Jack |
| Doing The "Hole" Job | Rappaport, Priscilla & Joel |
| Grand Dags | Krefting, Jack |
| Hammer Technique | Hunt, Newton J. |
| Improving Tuning Skills | McKlveen, Ben |
| In The Market For A Piano? | Meehan, Joseph A. |
| Ingenious Tool Contest | Burton, James H. |
| Keep Mice From Pedal Holes | Koford, Herman |
| Let Off Screw Repair | Blatt, Libby |
| Papering Grand Wippens | Krefting, Jack |
| Pinblock Drilling | Russell, Bob |
| Professional Independence | Morton, W. Don |
| Reaming Balance Holes | Krefting, Jack |
| Replacing Damper Springs | Fornwalt, Fred |
| Some Old German Actions | Ellis, James F. |
| Soundboard Recrowning? | Bloch, John |
| Tool String Leveler | Wheeler, Elizabeth |

## KEYWORDS:

"Prepared" Pianos, Action Differences, Aids For Visually Impaired, Aspirations, Balance Rail Hole Reamer, Bouncing Hammers, Braille Journal, Bridge Pins, Business, Case and Associated Parts, Cracked Plate, Crown Restoration, Customer Buying (New), Damper Springs & Levers, Doing The "Hole" Job, Etc. Control, Grand Dags, Grands, Hammer Technique, Hammer Techniques, Improving Tuning Skills, In The Market For A Piano?, Ingenious Tool Contest, Inventions, Keep Mice From Pedal Holes, Let Off Screw Repair, Mice, Moths, Other, Papering Grand Wippens, Parts, parts, piano, Piano Technicians Guild, Pianos industry, Pinblock Boring & Bushings, Pinblock Drilling, Professional Independence, Reaming Balance Holes, Rebuilding, Regulating, Regulating Screws & Buttons, repair, Repinning, Replacing Damper Springs, researches, Selection of Piano, Some Old German Actions, Soundboard Recrowning?, Specially Made Tools, Strain Of The Job, Tapes, The Profession, Tonal Differences of Pianos, Tool String Leveler, Tools and Equipment, Tuning, Unusual Types, Vermin Control, Verticals

July 1979
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Accident Insurance | Ross, Eloise M. |
| After-Sound In Unisons | Fesler, Edward E. |
| Birdcage Pianos | Krefting, Jack |
| Black Key Dip - Grand | Rappaport, Priscilla & Joel |
| Dampers Raise Unevenly | Lustig, Chuck |
| Downbearing | Krefting, Jack |
| Exports of Pianos In 1978 | Rogers, Ulys |
| Humidity and Piano Pitch | Galt, Don S. |
| Humidity Control | Krefting, Jack |
| Improving Our Talents | Morton, W. Don |
| Jack Alignment | Krefting, Jack |
| Membership Promotion Aids | Editor |
| More On Sound Boards | Thatcher, Walter |
| Nosebolt Adjustment | Krefting, Jack |
| Plate Stress | Shulze, Gary |
| Prestress Pitch Lowering | Hunt, Newton J. |
| Reregulating Verticals | Peters, George S. |
| Running An Organization | Santy, Don |
| Servicing Aeolian Players | McCall, Raye |
| Tight Tuning Pins | Krefting, Jack |
| Tool For Broken Agraffe | Koford, Herman |
| Working With Stores | Mehaffey, Francis |

## KEYWORDS:

Accessories, Accident Insurance, Acoustics, Actions, Advancement of, After-Sound In Unisons, Agraffes, Birdcage (Over-Damper), Birdcage Pianos, Black Key Dip, Business, Climatic Considerations, Crown, Damper Action, Dampers Raise Unevenly, Downbearing, Down-Bearing, Exports of Pianos In 1978, General Acoustics, Health & Accident Ins. (Including. Disability, Humidity, Humidity and Piano Pitch, Humidity Control, Improving Our Talents, Insurance, International, Jack Alignment, Jack Positioning, Key Dip, Lowering Pitch, Membership Promotion Aids, More On Sound Boards, Music Stores, Nose Bolt Adjustment, Nosebolt Adjustment, Other, Parts, Peculiarities, piano, Piano Industry, Piano Sound Production, Piano Technicians Guild, Pianos, Pins Jumping, Plate Stress, Players, Popularity Of Piano, Prestress Pitch Lowering, procedure as a whole, Prospects & Promotion, Rebuilding, Regulating, Repair, Reregulating Verticals, Running An Organization, Servicing Aeolian Players, Soundboard Materials & Functions, Soundboard Repairs, Specially Made Tools, Strain Of The Job, Stress, Tight Tuning Pins, Too Tight, Tool For Broken Agraffe, Tools and Equipment, Tuning, Unusual Type Pianos, Verticals, Weather Controls, Working With Stores

August 1979
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Accepting Presidency PTG | Russell, Bob |
| Black Key Dip - Upright, Surprise? Unexpected Work | Rappaport, Priscilla & Joel |
| Ease Tight Action Centers | Krefting, Jack |
| Fischer Action Brackets | Krefting, Jack |
| Flange Repinning | Lyons, W. Jesse |
| Front Rail Keypins | Krefting, Jack |
| Gadget To Reach Butt Screw | Scheer, Larry |
| Musical Instruments Import | Editor |
| Overring or Echo | Krefting, Jack |
| Piano Tool Kits | McKlveen, Ben |
| Piano Wire | Krefting, Jack |
| Replacing Key Bushings | Holders, John |
| Small Business Management | Santy, Don |
| Steinway and Sons | Ingrassia, Michel |
| Sticking Keys | Stone, Sidney |
| Stress and Tuneability | Burton, James H. |
| Stress and Tuneability | Ellis, James F. |
| Structure of The Crown | Bloch, John |
| Teflon Bushings | McKay, Guy |
| Tuning A Whole Piano Matter | Hunt, Newton J. |

## KEYWORDS:

Accepting Presidency PTG, Action Brackets, Action Reconditioning, Bushings, Business, Crown, Ease Tight Action Centers, Easing Flanges, Fiber-Glass, Fischer Action Brackets, Flange Repinning, Front Rail Keypins, Gadget To Reach Butt Screw, Gadgets, Individual Manufacturers, International, Key Bushing Replacement, Key Easing, Key Pins, Keys, Marketing & Outlook, Materials, Musical Instruments Import, Nature of Tuning, Officers Staff Committees, Overring or Echo, parts, Peculiarities, Piano Industry, Piano Technicians Guild, Piano Tool Kits, Piano Wire, Popularity Of Piano, Rails, Rebuilding, Regulating, Replacing Key Bushings, Slips, Small Business Administration, Small Business Management, Spacing & Leveling, Steinway and Sons, Sticking Keys, Stress and Tuneability, Structure of The Crown, Surprise? Unexpected Work, Teflon, Teflon Bushings, Tool Kits, Tools and Equipment, Tuneability, Tuning, Tuning A Whole Piano Matter, Wire

September 1979
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Aeolian Player Service | McCall, Raye |
| Calculating Technician, Part I | Roberts, David |
| Convention Review | Santy, Don |
| Hammer Hanging | Dodson, Ned |
| Hammer Weights | Krefting, Jack |
| Health & Dental Insurance | Ross, Eloise |
| Ivorine Color Matching | Osborne, Joseph |
| Pinblock Drilling | Roberts, David |
| Plastic Elbow Replacements | Wadl, Ted |
| Power Assisted Tuning | Fairchild, Steve |
| Professional Pride | Russell, Bob |
| Repinning Bridges | McVay, James I. |
| Replacing Strings | Rappaport, Priscilla & Joel |
| Servicing Bosendorfer, Kimball | Weisensteiner, R. |
| Stringing and Back Repair | Corey, Bud |
| The Toning Of A Piano | Herwig, Lewis F. |
| Tools Carried In Car | McKlveen, Ben |
| Tuning Concert | McKlveen, Ben |
| Verdigris In Action Centers | Brown, Edward C. |
| Voicing And Needed Tools | Hunt, Newton J. |

## KEYWORDS:

Acoustics, Aeolian Player Service, Aligning Hammers, Bridge Pins, Business, Calculating Technician, cleaning, Convention Review, Convtns. Conferences Seminars, Differing Keytop Colors, Easing Flanges, Elbows, Hammer Condition, Hammer Hanging, Hammer Weight, Hammer Weights, Health & Dental Insurance, Health Care, High Treble and Low Bass, In General, Inharmonicity, Insurance, Ivorine Color Matching, Key Tops and Fronts, Kimball, Materials, Piano Technicians Guild, Pinblock Boring & Bushings, Pinblock Drilling, Pitch Changes, Plastic Elbow Replacements, Plastics, Players, polishing, Power Assisted Tuning, Preventive Maintenance, Pride In, Procedure as a Whole, Professional Pride, Rebuilding, Regular Service Tools, Regulating, regulating, Repair, repair, Repinning Bridges, Replacing Strings, scale evaluation, Servicing Bosendorfer, String Replacement & Ordering, Stringing & Restringing, Stringing and Back Repair, tension formula, The Toning Of A Piano, Tools and Equipment, Tools Carried In Car, Tuners (Visual & Audio Aids), Tuning, Tuning Completion, Tuning Concert, Verdigris In Action Centers, Voicing, Voicing And Needed Tools

October 1979
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Backcheck Adjustment | Krefting, Jack |
| Calculating Technician, Part II | Roberts, David |
| Horn Wedges | Krefting, Jack |
| Key Weighting | Stout, Clarence P. |
| Listening With Open Mind | Russell, Bob |
| Materials For Piano Work | Rappaport, Priscilla & Joel |
| Painted Tuning Pins | Krefting, Jack |
| Papering Steinway Flanges | Krefting, Jack |
| Positioning New Knuckles | Krefting, Jack |
| Slide Studs and Key Dip | Krefting, Jack |
| Sostenuto Adjustment | Kiefting, Jack |
| Using Words Effectively | Santy, Don |
| Wurlitzer Sharp Tops | Bittinger, Dick |

## KEYWORDS:

Acoustics, Backcheck Adjustment, Back-Check Position, Business, Calculating Technician, Hearing/ Speaking, Horn Wedges, Key Dip, Key Tops and Fronts, Key Weighting, Language Use, Listening With Open Mind, Materials, Materials For Piano Work, Painted Tuning Pins, Papering Steinway Flanges, Pins & Coils, Positioning New Knuckles, Rebuilding, Regulating, Repairing Flanges, scale evaluation, Slide Studs and Key Dip, Sostenuto Adjustment, Sostenuto Blade Adjustment, tension formula, Touch Weight, understanding formulas, Using Words Effectively, Wedge Adjustment, Wurlitzer Sharp Tops

November 1979
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Brad Supports To Glue Wood | Krefting, Jack |
| Broken Plate | Krefting, Jack |
| Calculating Technician, Part III | Roberts, David |
| Grand Hammer Installation | Geers, Clifford |
| Grand Let-Off Problem | Krefting, Jack |
| Keogh Plan | Ross, Eloise M. |
| Obituary... Cheatum, Paul | |
| Obituary... Sturgeon, Clarence | |
| Opportunities in P.T.G. | Russell, Bob |
| Pinblock Life | Krefting, Jack |
| Service On Kimball Players | McCall, Raye |
| Titebond Glue and Freezing | Boch, William L. |
| Tuning Instability | Hunt, Newton J. |
| Universal Strings | Krefting, Jack |

## KEYWORDS:

Acoustics, Adhesives, Bass Universal, Brad Support, Brad Supports To Glue Wood, Breaks, Broken Plate, Calculating Technician, Clamps, Clarence, Grand Hammer Installation, Grand Let-Off Problem, Hammer Installation (New Sets), Hammer Let-Off & Travel, In Memoriam & Death Notice, Insurance, Keogh Plan, Keogh-Simpson Plan, Marketing & Outlook, Obituary... Cheatum, Obituary... Sturgeon, Opportunities & Outlook, Opportunities in P.T.G., Other, Over-All Tests, Parts, Paul, Piano Industry, Piano Technicians Guild, Pinblock and Pins, Pinblock Life, Plate, Players, Rebuilding, Regulating, Responsibility For, scale evaluation, Service On Kimball Players, tension formula, Titebond, Titebond Glue and Freezing, Tools and Equipment, Tuning, Tuning Instability, understanding formulas, Universal Strings

December 1979
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Aid for Leveling Sharps | Pealer, William |
| Alcohol to Shrink Centers | |
| Birdcage Piano Tuning | Blackhurst, Bert |
| Board Members Not Salaried | Burbach, Charles |
| Bridle Strap Inserter | Pealer, William |
| Calculating Technician, Part IV | Roberts, David |
| Centerpin Sizes | Krefting, Jack |
| Cleaning Yellowed Ivory | Doudna, Gary |
| Correcting Faulty Actions | McKlveen, Ben |
| Early Pianos and Actions | Greenfield, Jack |
| Hammer Filing | Rappaport, Priscilla & Joel |
| Repairing Cracked Plates | Mau, Arthur C. |
| Replacing Keys in Keyboard | Stopa, Frank |
| Retirement Insurance Plans | Ross, Eloise M. |
| Roslau Steel Wire Manufacture | Kruger, Hans J. |
| Running Pin Coil Maker | Pealer, William |
| Soundboard Downbearing | Bloch, John |
| Splendid Profession | Russell, Bob |
| The "Prepared" Piano Again | Henry, Norman |
| Tuning Pin Coil Maker | Pealer, William |

## KEYWORDS:

Acoustics, Actions, Aid for Leveling Sharps, Alcohol to Shrink Centers, Analysis & Correction, Birdcage (Over-Damper), Birdcage Piano Tuning, Board Members Not Salaried, Bridges & Ribs, Bridle Strap Inserter, Bridle Straps, Business, Calculating Technician, Center-Pin, Centerpin Sizes, Cleaning, Cleaning Yellowed Ivory, Corks, Correcting Faulty Actions, down-bearing, Early Piano Actions, Easing, easing flanges, Electric Hammer Resurfacing, Filing, Gadgets, Hammer Filing, History, Insurance, Key Easing, Lubricants and Cleaners, Materials, Other, Parts, piano, Piano Technicians Guild, Pin Coil Makers, Plate Crack Repairs, Polishing, Pride In, programmable calculators, Rebuilding, rebuilding, Regulating, Relationships Within, Repair, repair, Repairing Cracked Plates, Repinning, Replacing Keys in Keyboard, Retirement Insurance Plans, Retirement Plans, Roslau Steel Wire Manufacture, Running Pin Coil Maker, scale evaluation, Soundboard, Soundboard Downbearing, Spacing & Leveling, Splendid Profession, tension formula, The "Prepared" Piano Again, Tighteners, Tools and Equipment, Touch Weight, Tuning, Tuning Pin Coil Maker, Tuning Reparation, Types of Early Pianos, unusual type pianos, Voicing, Wire, Wires

January 1980
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Accidental. Death & Dismemberment. Ins. | Ross, Eloise M. |
| Altering Wire Scales | Krefting, Jack |
| Balance Rail Pins | Krefting, Jack |
| Bass String Replacement | Krefting, Jack |
| Bridges and False Beats | McVay, James I. |
| Calculating Technician, Part V | Roberts, David |
| Chipping | Rappaport, Priscilla & Joel |
| Developing PTG Leaders | Russell, Bob |
| Ear Damage In Flying | Feldman, Charles |
| Escapement Actions | Ellis, James F. |
| Get Ice Out Of Price | Oliver, Stanley |
| Maintain Grand Hammerline | Krefting, Jack |
| Pianos and Actions 1770-1870 | Greenfield, Jack |
| Practice Felt Restoration | Rappaport, Priscilla & Joel |
| Rib Strength | Krefting, Jack |
| Rock Concert Tuning Joys | Krefting, Jack |
| Servicing Older Players | McCall, Raye |
| Something Old-Something New | Hoskins, Leslie |
| Soundboard Repairs | Bloch, John |
| Tuning Pin Extractors | Krefting, Jack |
| Your PTG Board In Action | Bittinger, Dick |

## KEYWORDS:

Accident. Death & Dismemberment. Ins., Acoustics, Action, Action Differences, Altering Wire Scales, Antiques, Balance Rail, Balance Rail Pins, Bass String Replacement, Bridges and False Beats, Business, Calculating Technician, Chipping, Developing PTG Leaders, Ear Damage In Flying, Early Piano Escapement, Electronic Calculators, Electronic Tuning Aids, Escapement Actions, False Beats, Felt, Get Ice Out Of Price, Hammer Line, Health & Accident Ins. (Include. Disability, History, Insurance, Maintain Grand Hammerline, Obsolete, Officers Staff Committees, Other, Over-All Tests, P.T. Guild & Music Industry, Parts, Physiology, Piano Actions 1770-1870, Piano Technicians Guild, Pin-Removal Care, Players, Positioning & Boring Hammers, Practice Felt Restoration, Problems, programmable calculators, Rebuilding, Regulating, Restoration (Antiques), Rib Strength, Ribs, Rock Concert Tuning Joys, scale evaluation, Scales, Self Examination, Selling Services, Servicing Older Players, Something Old-Something New, Soundboard Repairs, Spacing, String Replacement & Ordering, String Replacements, tension formula, Theory, Training Programs, Traveling, Tuning, Tuning Pin Extractors, Voicing, Your PTG Board In Action

February 1980
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Action Regulating Jig | McKlveen, Ben |
| Adhesive Strength | McVay, James I. |
| Altering Wire Scaler | Krefting, Jack |
| Approach to Key Leveling | Rappaport, Priscilla & Joel |
| Calculating Technician, Part VI | Roberts, David |
| Getting Bearing Readings | Krefting, Jack |
| Glassing Pinblocks | Krefting, Jack |
| Grand Damper Lift | Krefting, Jack |
| Hammer Speed And Tone | Schecter, Mark |
| Home Pianos | Gieenfield, Jack |
| Intervals, Scales, Temperaments | Sanderson, Albert E. |
| Magnetic Tape For Let-Off | Krefting, Jack |
| Perpetuating The Profession | Kerber, Walter |
| Restringing Order | Krefting, Jack |
| Size Of Tuning Pin | Krefting, Jack |
| Soundboard Installation | Krefting, Jack |
| Supplemental Group Insurance | Ross, Eloise |
| Using Tuning Time Well | Robinson, Christopher S. |
| What Tension Unstringing? | Krefting, Jack |
| Why Be a Guild Member | Russell, Bob |

## KEYWORDS:

Acoustics, Action Reconditioning, Action Regulating Jig, Adhesive Strength, Adhesives, Advancement of, Altering Wire Scaler, Approach to Key Leveling, Business, Calculating String Tension, Calculating Technician, Dampers, Down-Bearing, Fitting Pinblock To Plate, Getting Bearing Readings, Glassing Pinblocks, Grand Damper Lift, Hammer Let-Off & Travel, Hammer Speed And Tone, Hammer Striking-Point, History, Home Pianos, Hooks, Insurance, Insurance & Taxes, Intervals, Jigs, Key Easing, Lift Rods, Magnetic Tape For Let-Off, New Soundboard Installation, Other, Parts, Perpetuating The Profession, Piano Technicians Guild, Pitch Changes, programmable calculators, Rails, Rebuilding, Regulating, Repair, Restringing Order, scale evaluation, Scales, Size Of Tuning Pin, Soundboard Installation, Spacing & Leveling, Specially Made Tools, Strain Of The Job, Strength, String Replacement & Ordering, Stringing & Restringing, Supplemental Group Insurance, Temperaments, tension formula, Tension Formulas, Theory, Time Element, Time Over All, Tools and Equipment, Tuning, Tuning Pin Size & Shape, Types of Early Pianos, Using Tuning Time Well, Values, Voicing, What Tension Unstringing?, Why Be a Guild Member, Wires

March 1980
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Beats, What They Are & Why | Berry, Ronald L. |
| Bridges in Verticals | Krefting, Jack |
| Calculating Technician, Part VII | Roberts, David |
| Centerpin Repairs: Zapper | McKlveen, Ben |
| Committee Performance | Russell, Don |
| Conducting Small Business | Santy, Don |
| Damper Upstop Rail Placing | Pettit, Tom |
| Group Life Insurance | Ross, Eloise |
| High Risk Tuning Pins | Howell, W. Dean |
| High Risk Tuning Pins | Howell, W. Dean |
| Loose Tuning Pins | Krefting, Jack |
| Polished Brass Finish | Neal, Douglas Ray |
| Removing Leg Plates | Koford, Herman |
| Retrospective For 1970s | Huether, Charles P. |
| Shop Safety | Rappaport, Priscilla & Joel |
| Snarling Bass Strings | Krefting, Jack |
| Suggestions RE: Newsletters | Editor |
| Tips On Ivory Laying | Stopa, Frank |
| Unisons Too Close? | Kingsbury, Ralph |
| Universal Strings Prepared | Wiley, John |
| What Is The P.T. Guild? | Bittinger, Dick |

## KEYWORDS:

Acoustics, Advancement of, Basis For Tuning, Bass Universal, Beats, Bridges, Bridges in Verticals, Business, Calculating Technician, Casters and Legs, Causes for Loose Pins, Centerpin Repairs: Zapper, Committee Performance, Conducting Small Business, Damper Action, Damper Upstop Rail Placing, Faulty Characteristics, Flanges, Group Life Insurance, Hammer string contact time, High Risk Tuning Pins, Hooks, Inharmonicity, Insurance, Insurance & Taxes, Ivory Replacements, Lift Rods, Loose Tuning Pins, Loudness/sustain factor, Organization, Other, Participation Community Af, Parts, Piano Technicians Guild, Pinblock and Pins, Polished Brass Finish, Problems, Rails, Rebuilding, Refinishing, Regulating, Removing Leg Plates, Retrospective For 1970s, scale evaluation, Shop Safety, Shop Tools & Equipment, Small Business Administration, Snarling Bass Strings, Soundboard Repairs, Suggestions RE: Newsletters, tension formula, Tips On Ivory Laying, Tools and Equipment, Tuning, Tuning Pin Size & Shape, Unisons Too Close?, Universal Strings Prepared, What Is The P.T. Guild?, What They Are & Why, Wires

April 1980
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| An Action Saga | Denning, Jeff E. |
| Being A Good Communicator | Russell, Bob |
| Birdcage Piano Repairs | Ashmore, Yvonne |
| Bridle Strap Removal | Anderson, Alan |
| Broken Pedal Prop Bolts | Knoblock, Mike |
| Building Membership | Santy, Don |
| Calculating Technician, Part VIII | Roberts, David |
| Complete Piano Servicing | Pitsch, David W. |
| General Attitudes | Santy, Don |
| Getting New Members | Kerber, Walter |
| Guitar & Piano Soundboards | Hugh, J. |
| Heat Shrink Tubing Repairs | Thomas, H. Vince |
| Lloyd and Boyle's Book Upheld | Jorgensen, Owen |
| Noises In Pianos | Krefting, Jack |
| Plastic Elbow | Krefting, Jack |
| Plugs for Loose Screws | Rappaport, Priscilla & Joel |
| Recovering Keys | Reichert, Bill |
| Servicing Player Pianos | McCall, Raye |
| Sostenuto Regulation | Oliver, Stanley |
| Soundboard Finish | Krefting, Jack |
| Tapered Tuning Pins | Krefting, Jack |
| Tech. Institute Update 1980 | Juhn, Ernie |
| Trimming Fitted Keys | Vagias, Ernest |
| Tuning Forks | Sewell, Ellen |

## KEYWORDS:

Acoustics, action preparation, Actions, An Action Saga, Bars, Being A Good Communicator, Birdcage (Over-Damper), Birdcage Piano Repairs, Book Reviews, Bridges & Ribs, Bridle Strap Removal, Bridle Straps, Broken Pedal Prop Bolts, Building Membership, Business, Buzzes, Calculating Technician, Causes for Loose Pins, Complete Piano Servicing, Corks, Elbows, Etc., General Attitudes, Getting New Members, Guitar & Piano Soundboards, Hammer string contact time, Heat Shrink Tubing Repairs, In General, Inharmonicity, Institute of Piano Technology, Key Tops and Fronts, Loudness/sustain factor, Lyre, Membership Outreach, Mending Shanks, Noises, Noises In Pianos, Other, Parts, Pedals, piano, Piano Service In General, Piano Technicians Guild, Plastic Elbow, Players, Plugs for Loose Screws, Preventive Maintenance, Prospects & Promotion, Rebuilding, Recovering Keys, Regulating, Regulation Aims & Scope, Repair, Sanderson's Book Upheld, scale evaluation, Screw tightening, Self-Examination, Servicing Player Pianos, Sostenuto Blade Adjustment, Sostenuto Regulation, Soundboard, Soundboard Finish, Soundboard Refinishing, Tapered Tuning Pins, Tech. Institute Update 1980, tension formula, Trimming Fitted Keys, Tuning, Tuning Forks, Tuning Pin Size & Shape, Voicing, voicing, Wires

May 1980
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| After Touch | Pitsch, David W. |
| Approach To Profit | Dyer, Daniel |
| Birdcage Tuning | Cady, Mike |
| Calculating Technician, Part IX | Roberts, David |
| Center Pin Wear & Pinning | Krefting, Jack |
| Clarifying Testing Exam | Huether, Charles P. |
| Economically Speaking | McKlveen, Ben |
| Key Height Differences | Krefting, Jack |
| Keyboard Touch Weight | McKlveen, Ben |
| Learning Equal Temperament | Erlandson, Robert |
| Plate Bolt Tightening | Krefting, Jack |
| Professional Obligations | Russell, Bob |
| Serviceability-Tuneability | Hunt, Newton J. |
| Soundboard Springs | Bloch, John |
| The International Scene | Morton, W. Don |
| The Sling Psychrometer | Ritchie, Harry H. |
| The Treble Micrometer | Bloch, John |
| Vertical Dampers Aligned | Krefting, Jack |
| When Is A Piano Rebuilt? | Rappaport, Priscilla & Joel |

## KEYWORDS:

Acoustics, After Touch, After-touch, Approach To Profit, Birdcage Tuning, Business, Calculating Technician, Center Pin Wear & Pinning, Clarifying Testing Exam, Damper Spacing Timing Positioning, Economically Speaking, Electronic Tuners, Equal Temperament, Examinations, Exams, General, Inharmonicity, International, Key Height, Key Height Differences, Keyboard Differences, Keyboard Touch Weight, Learning Equal Temperament, Loudness Sustaining Factor, Loudness/sustain Hammer, Micrometers, Nose Bolt Adjustment, Parts, Plate, Plate Bolt Tightening, Preventive Maintenance, Professional Obligations, Professional Responsibility, PTG, Rebuilding, Regulating, Repair, Repinning, scale evaluation, Sea, Serviceability-Tuneability, Small Business Administration, Soundboard Springs, Strings, tension formula, The International Scene, The Sling Psychrometer, The Treble Micrometer, Tools and Equipment, Touch-Weight, Tuneability, Tuning, Tuning Standards, Unusual Type Pianos, Vertical Dampers Aligned, Wages & Economy, wages & economy, When is a Piano Rebuilt?, When Is A Piano Rebuilt?

June 1980
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| A Workman And His Tools | Kerber, Walter |
| Assess Pinblock Condition | Krefting, Jack |
| Brass Polishing | Fisher, Carol |
| But You Can Feel it (Fries) | Galt, Don S. |
| Calculating Technician, Part X | Roberts, David |
| Capped or Solid Bridges | Krefting, Jack |
| Cracked Plates | Tittle, Martin B. |
| Grand Regulation Chart | Pitsch, David W. |
| Hammer Rest Rail Blocking | Berry, Ronald L. |
| Harpsichord In Comeback | Editor |
| How "Rebuilt" is Rebuilt? | Rappaport, Priscilla & Joel |
| Lubricating Bearing Points | Krefting, Jack |
| Menke, Edward - A Tribute | Faulkner, William B. |
| Regulating Rail Adjustment | Nicholson, Steve |
| Replacing Keystrips Tool | Erlandson, Robert |
| Replacing Plastic Jacks | Sprinkle, Jack |
| Start Chapter Newsletter | Truax, Richard |
| Tighten Underlever Flanges | Cole, Stewart |
| Vacuum Pumps | McCall, Raye |
| Value In PTG Convention | Santy, Don |
| Where Learn Piano Tuning? | Stone, Sidney |

## KEYWORDS:

A Workman And His Tools, Assess Pinblock Condition, Book Reviews, Brass Polishing, Bridges, Business, But You Can Feel it (Fries), Calculating Technician, Capped or Solid Bridges, Cleaning, Convtns. Conferences Seminars, Counseling Customers, Cracked Plates, damper, Edward - A Tribute, Gadgets, General, Grand Regulation Chart, Grands, Hammer & Hammer Shank, Hammer Rest Rail Blocking, Hammer string contact, Harpsichord, Harpsichord In Comeback, How "Rebuilt" is Rebuilt?, Inharmonicity, Keystrip Replacements, Loudness/sustain factor, Lubricants, Lubricants and Cleaners, Lubricating Bearing Points, Menke, Miscellaneous, Newsletters & Publicity, Other, Parts, Piano Industry, Piano Technicians Guild, Piano Technology Training, Pinblock, Plastic Jack Replacement, Plate Crack Repairs, Player Mechanisms, Player Motors, Polishing, Rebuilding, Regulating, Regulating Rail Adjustment, Regulating Screws & Buttons, repair, Replacing Keystrips Tool, Replacing Plastic Jacks, Revival, Rule Acoustics, Scales, Start Chapter Newsletter, tension formula, Theory, Tighten Underlever Flanges, Tightening Flanges, Tools and Equipment, Tributes To The Living, Vacuum Pumps, Value In PTG Convention, Where Learn Piano Tuning?

July 1980
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Auctioning Rare Pianos | Solis, Cohen Lita |
| Brazilian Dealers & Tuners | Krefting, Jack |
| Calculating Technician, Part XI | Roberts, David |
| Care Placement Tuning Fork | Peters, George |
| Characteristics of Wood | Krefting, Jack |
| Checkering File For Tails | |
| Chipping | Rappaport, Priscilla & Joel |
| Epoxy Bridge Repair | Ashmore, Yvonne |
| Foreign Connections | Morton, W. Don |
| How To Help Our Government | Santy, Don |
| Muting Technique | Kanter, Jason |
| Oblong Tuning Pins | Krefting, Jack |
| Regulation 50 pt. Checklist | Pitsch, David W. |
| Replacing Pinblock Needed | Krefting, Jack |
| Satisfaction With Guild | Russell, Bob |
| Soundboard Rib Termination | Manhart, Hugh J. |
| Steinway Grand $300,000 | Editor |
| Testing the Tuning Tests | Hunt, Newton J. |
| Vertical Hammer Spacing | Erlandson, Robert |
| What People Say To Tuners | Howard, Roy E. |

## KEYWORDS:

Acoustics, Antiques, Auctioning Rare Pianos, Bars, Brazilian Dealers & Tuners, Business, Calculating Technician, Care Placement Tuning Fork, Characteristics of Wood, Check Over Entire Piano, Checkering File For Tails, Chipping, Compensation for Inharmonicity, Custom-Made, Epoxy Bridge Repair, Etc., Foreign Connections, Foreign Organizations, Gadgets, Hammer Positioning, How To Help Our Government, Humorous Features, Inharmonicity formula, International, Materials, Miscellaneous, Muting, Muting Technique, Oblong Tuning Pins, Obsolete, Octave-Stretching, Other, Other Foreign, Parts, Piano Industry, Piano Technicians Guild, Pinblock Installation, Pride In, Rebuilding, Regluing Bridge, Regulating, Regulation 50 pt. Checklist, Relationships Within, Replacing Pinblock Needed, Restoration (Antiques), Ribs, Salesmanship, Satisfaction With Guild, scale evaluation, Soundboard Rib Termination, Steinway Grand $300, Testing the Tuning Tests, Tests By Sections, Tools and Equipment, Tuning, Tuning Forks, Tuning Pin Size & Shape, Vertical Hammer Spacing, What People Say To Tuners, Wood

August 1980
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Calculating Technician, Part XII | Roberts, David |
| Chipped Plastic Keytops | McKlveen, Ben |
| Decimal Charts | Foye, Gerald F. |
| Doctor Of Piano-Forte | Duncan, David R. |
| Europiano Congress | Rappaport, Priscilla & Joel |
| Exam Committee Report | Berry, Ronald L. |
| Fine Tuning | Bradley, Willis J. |
| Grand Regulation (part 2) | Pitsch, David W. |
| Heating Gadget | Brown, Jim |
| IRS-Approved Plans | Ross, Eloise M. |
| Micrometer Usage | Foye, Gerald F. |
| Orchestration-Orchestrion | Reblitz, Arthur |
| Pinning An Abstract | Sewell, Ellen |
| Pre-Voicing | Saah, Joe |
| Recapping Bridges | Krefting, Jack |
| Removing Bass Bridges | McKay, Rhys |
| Sharpening Chisels, Etc. | |
| Shop Dimensions | Foye, Gerald F. |
| Vacuum Pump (Part 2) | McCall, Raye |
| Voluntary Services of PTG | Santy, Don |
| What is IAPBT? | Morton, W. Don |
| Wood Species | Krefting, Jack |

## KEYWORDS:

Acoustics, Bridge Replacements, Business, Calculating Technician, Care of Tools, Charts, Chipped Plastic Keytops, Continental Europe, Decimal Charts, Doctor Of Piano-Forte, Etc., Europiano Congress, Exam Committee Report, Fine Tuning, Gadgets, Grand Regulation (part 2), Grands, Heating Gadget, Humorous Features, In General, Inharmonicity, Insurance, International, IRS-Approved Plans, Keogh-Simpson Plan, Materials, Micrometer Usage, Micrometers, Nomenclature, Orchestration-Orchestrion, Other, Other Foreign, Over-All Tests, Parts, Piano Industry, Piano Technicians Guild, Pinning An Abstract, Plastics Keytop Replacements, Player Mechanisms, Player Motors, Pre-Voicing, Rebuilding, Recapping Bridges, Regulating, Removing Bass Bridges, Repair Attachments, Repinning, Reports, scale evaluation, Scales, Services Rendered, Sharpening Chisels, Shop Dimensions, Space Requirements, Tables, Theory, Tools and Equipment, Tuning, Vacuum Pump (Part 2), Voicing, Voluntary Services of PTG, What is IAPBT?, Wood, Wood Species, Wound Strings Inharmonicity

September 1980
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Bedding The Back Rail | Krefting, Jack |
| Calculating Technician, Part XIII | Roberts, David |
| Grand Regulation (part 3) | Pitsch, David W. |
| Guarding One's Tools | McKlveen, Ben |
| Learning To Tune One's Own | Milano, Dominic |
| Lubricating String Bearing | Kurk, Dennis E. |
| Professional Responsibility | Glumac, P.K. |
| Rebuilding Wippens | Jameson, Sally K. |
| Refastening Vertical Backs | Krefting, Jack |
| Removable Screwdriver Bit | Carlton, Ben |
| Spinet Key Fork Repair | Carlton, Ben |
| Tighten Balance Rail Bush | Stratton, Willian |
| Tuning Tests Around 1780 | Greenfield, Jack |
| Vertical Repetition | Krefting, Jack |

## KEYWORDS:

Acoustics, Back, Balance Rail, Bedding Keyframe, Bedding The Back Rail, Business, Calculating Technician, Care of Tools, Friction Points, Gadgets, Grand Regulation (part 3), Guarding One's Tools, Inharmonicity, Key Repairs, Learning To Tune One's Own, Loose, Lubricants, Lubricants and Cleaners, Lubricating String Bearing, Miscellaneous, Parts, Piano Technology Training, Plate Removal, Professional Responsibility, Rebuilding, Rebuilding Wippens, Refastening Vertical Backs, Regulating, Removable Screwdriver Bit, Removing Excess windings, Repair, scale evaluation, Spinet Key Fork Repair, Tests By Sections, Tighten Balance Rail Bush, Tools and Equipment, Tuning, Tuning Tests Around 1780, Vertical, Vertical Repetition, Verticals, Voicing, Wippens & Wippen Rail, Wraps for Wound Strings

October 1980
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Calculating Technician, Part XIV | Roberts, David |
| Creative Tuning | Wicksell, Carl |
| Grand Regulation Quiz | Krefting, Jack |
| Ill-fitted Pinblocks | Pitsch, David W. |
| Install Upright Pinblock | Shapiro, Michael |
| Leadership Responsibility | Santy, Don |
| Old English Uprights | Mencher, Steve |
| Other View Grand Regulating | Merrill, David |
| Pinblock Fluid Restoration | Lipson, Stanley |
| Player Daily Call Service | McCall, Raye |
| Plugging A Pinblock | Krefting, Jack |
| Replacing Broken String | Peterson, Norman |
| Square Pianos Another View | Loest, Roland |
| Stress A Delicate Balance | |
| Woodpile to Concert Hall | Rappaport, Priscilla & Joel |

## KEYWORDS:

Acoustics, Actions, Birdcage (Over-Damper), Business, Calculating Technician, Creative Tuning, Filing Broken Strings Gap, Fitting Pinblock To Plate, Fluid Treatment, General Items, Grand Regulation Quiz, History, Ill-fitted Pinblocks, Inharmonicity, Install Upright Pinblock, Leadership Responsibility, Materials, Old English Uprights, Other Treatments, Other View Grand Regulating, piano, Piano Industry, Piano Service In General, Pinblock Fluid Restoration, Pinblock Installation, Player Daily Call Service, Players, Plugging A Pinblock, Production, Professional Responsibility, Rebuilding, Regulating, Repair, Replacing Broken String, scale evaluation, Scales, Square Pianos Another View, Strain Of The Job, Stress A Delicate Balance, string elongation formula, String Replacement & Ordering, Strings, Theory, Tuning, Tuning Standards, Uprights, Wood, Woodpile to Concert Hall, Wound Strings

November 1980
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Appraising For Insurance | McKlveen, Ben |
| Bass String Making | Rappaport, Priscilla & Joel |
| Business Aids | |
| Calculating Technician, Part XV | Roberts, David |
| Ernie Juhn Golden H. Award | |
| Grand Regulation (part 4) | Pitsch, David W. |
| Ivory Cleaning | Cortes, Carlos E. |
| Key Bushing Clamps | Thomas, Walter |
| Loose Ribs | Krefting, Jack |
| Protection For Name, Logo | Russell, Bob |
| Readying Tuning Tests | Berry, Ronald L. |
| Refasten Loose Rib Gadget | |
| Removing Hammer Heads | Krefting, Jack |
| Soundboard Finishing | Graham, Susan |
| Taking Pride In Ourselves | Russell, Bob |
| What Type Lubricants | Krefting, Jack |
| Why Do People Run For Jobs | Santy, Don |

## KEYWORDS:

Acoustics, Analysis & Correction, Appraising For Insurance, Award Winners, Bass String Making, Bonding Ribs to Board, Business, Business Aids, Business Guides and Other Aids, chart of formulae, Cleaning, Easing, Equipment Damage Coverage, Ernie Juhn Golden H. Award, Estimates, gadgets, Grand Regulation (part 4), Grands, Hammer string contact time, Inharmonicity, Insurance, Ivory Cleaning, Key Bushing Clamps, Key Bushing Replacement, Legal Matters, Logo, Loose Ribs, Loudness/sustain factor, Lubricants, Lubricants and Cleaners, Other, Parts, Piano Technicians Guild, Polishing, Pride In, Procedure as a Whole, Protection For Name, Readying Tuning Tests, Rebuilding, Refasten Loose Rib Gadget, Regulating, Removing Hammer Heads, Replacing Hammer Heads, Ribs, scale evaluation & modification, Scales, Soundboard Finishing, Soundboard Refinishing, standards, stiffness,, Strain Of The Job, Strings, Taking Pride In Ourselves, Tests By Sections, Theory, tools & equipment, Tuning, What Type Lubricants, Why Do People Run For Jobs

December 1980
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Art of Finish Repair | Buhl, Richard |
| Books by and about Dolge | Huether, Charles P. |
| Bridge Builders | Preuitt, Ernest S. |
| Calculating Technician, Part XVI | Roberts, David |
| Chapter Achievement Records | Hawkins, Marshall B. |
| File Curved With Metal | Koford, Herman |
| Grand Regulation. Alignments | Pitsch, David W. |
| Hang Hammers With Titebond | Defebaugh, George |
| Player Action Removal | McCall, Raye |
| Progress In Our Profession | Russell, Bob |
| Soundboard Shimming | Krefting, Jack |
| String Spacing | Krefting, Jack |
| Training Apprentices | Rappaport, Priscilla & Joel |

## KEYWORDS:

Acoustics, Apprenticeship Schools, Art of Finish Repair, Book Reviews, Books by and about Dolge, Bridge Builders, Business, Chapter Achievement Records, Competition, evaluation, File Curved With Metal, General Attitudes, Grand Regulation. Alignments, Grands, Hammer Installation (New Sets), Hammer string contact time, Hang Hammers With Titebond, Inharmonicity, Loudness/sustain factor, Miscellaneous, Piano Technicians Guild, Pin Setting, Player Action Removal, Players, Progress In Our Profession, Rebuilding, Refinishing, Regulating, repair, Scale Calculators, Shims, Soundboard Shimming, spacing, Strain Of The Job, String Spacing, tension formula, Tool Shapes, Tools, Training Apprentices, traveling, Tuning, Voicing

January 1981
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| A Glue Called "Hot Stuff" | Welch, Reid |
| Alignments | Pitsch, David W. |
| Calculating Technician, Part XVII | Roberts, David |
| Cost Of Tuning A Piano | Coleman, James W. |
| Forghead Flashlight Useful | Bruno, Paul |
| Getting New Members | Preuitt, Ernest S. |
| Grand Regulation - Jacks | Denning, Jeff E. |
| Hammer Extractor Gadget | Kolbuss, Walt |
| Key Dip | Krefting, Jack |
| Loose Tuning Pins | Krefting, Jack |
| Parliamentarian's Function | |
| Plate Nomenclature Quiz | Krefting, Jack |
| Regulating Jig For Upright | Dodson, Ned |
| Regulating Square Grands | Loest, Roland |
| Restoring Upright Actions | Rappaport, Priscilla & Joel |
| San Francisco Here We Come | Defebaugh, George |
| Soft Jawed Pliers | Russell, Bob |
| The 1981 Convention City | Bryant, James G. |
| The Cost Factor In Tuning | Santy, Don |
| The Fine Art of Tuning | Coleman, James W. |
| Turning The Music Loose | Robbins, Lyle W. |
| Two End Regulating Tool | McKlveen, Ben |
| Voluntary Service To Guild | Russell, Bob |

## KEYWORDS:

A Glue Called "Hot Stuff", Acoustics, Action Reconditioning, Adaptations, Adhesives, Alignments, Business, Business Procedures, Causes for Loose Pins, Cost Of Tuning A Piano, Example Scale Evaluation, Forghead Flashlight Useful, Gadgets, General Attitudes, General Regulation, Getting New Members, Grand Regulation - Jacks, Hammer Extractor Gadget, Hammer string, Hot Glues and Pots, Humorous Features, Inharmonicity, Jigs, Key Dip, Loose Tuning Pins, Loudness/sustain factor, Membership Outreach, Minor Over-All Adjustments, Modifications, Nomenclature, Other, Parliamentarian's Function, Parts, Piano Technicians Guild, Plate Nomenclature Quiz, Price Ranges, Rebuilding, regulating, Regulating, Regulating Jig For Upright, Regulating Square Grands, Repair, Repetition Lever and Jack, Replacing Hammer Heads, Restoring Upright Actions, San Francisco Here We Come, Scales, Services Rendered, Sites & Times for Conventions, Soft Jawed Pliers, Special Use Tools, Squares, summary of formulae, Tests By Sections, The 1981 Convention City, The Cost Factor In Tuning, The Fine Art of Tuning, Theory, Tools and Equipment, Tuning, tuning tolerance, Turning The Music Loose, Two End Regulating Tool, Voluntary Service To Guild, Wafers & Ivorine Cement, Wages & Economy, worksheet

February 1981
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Aid To String Replacement | Laravela, Larry |
| Bass String Twisting | Krefting, Jack |
| Calculating Technician, Part XVIII | Roberts, David |
| Call For Letters To Editor | Harmon, Clayton |
| Escapement and Aftertouch | Pitsch, David W. |
| Filing Effect On Hammers | Krefting, Jack |
| Hunnicutt Tuning Pins | Hunnicutt, Hiram |
| PTG and Anti-Trust Laws | Santy, Don |
| Replacing Console Strings | Krefting, Jack |
| String Splicing | Staaf, Harold |
| Tuning Lever Excess Movement | Krefting, Jack |
| Unusual Noises | Truax, Richard |
| Upside Down Plate Risks | Krefting, Jack |

## KEYWORDS:

Acoustics, After-Touch, Aid To String Replacement, Bass String Twisting, Business, Buzzes, Call For Letters To Editor, Early Piano Escapement, Escapement Aftertouch, Etc., Filing, Filing Effect On Hammers, Gadgets, Gauges, Government, Hammer, Hammer Techniques, History, Hunnicutt Tuning Pins, Inharmonicity, Legal Matters, Letters To Editor Other Th, Loudness/sustain factor, Measurements, Noises, Other, Parts, Piano Technicians Guild, Pin Sizes, Pinblock and Pins, Programmable Calculator Programs, PTG and Anti-Trust Laws, Rebuilding, Regulating, Replacing Console Strings, scale evaluation, Shapes, Stress, Stress & Strain, String Replacement & Ordering, String Splicing, tension formula, Theory, Tools, Tools and Equipment, Torque Wrench & Measurers, Tuning, Tuning Lever Excess Movement, tuning pitch change, Twisting, Unusual Noises, Unusual Requirements, Upside Down Plate Risks, Voicing

March 1981
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| "Wrinkle Away" Steamer | |
| 1981 Convention Delegates | Bryant, James G. |
| A Glance At The Past Helps | Santy, Don |
| Action Not Removable | Krefting, Jack |
| Aftertouch Need & Degree | Moon, A. James |
| Aluminum Action Rail? | Krefting, Jack |
| Calculating Technician, Part XIX | Roberts, David |
| Caster Lubricant | Krefting, Jack |
| Chapter Information | Update Editor |
| Chickering Dampers | Krefting, Jack |
| Glue Pot From Percolator | Ashmore, Yvonne |
| Making Successful Career | McKlveen, Ben |
| New Tuning Examination | Update Editor |
| New Tuning Test Questioned | Reed, Thomas S. |
| Old Chickering Dampers | Krefting, Jack |
| Painted Steinway B | Holder, Leopold |
| PTG Guild Library | Update Editor |
| Punching-In-Socket Guard | Geers, Cliff |
| Replace Hammer Butt Leather | Rappaport, Priscilla & Joel |
| Roaches In Piano | Krefting, Jack |
| San Francisco Convention | Update Editor |
| Shape Of Howard Knuckles | Krefting, Jack |
| Snap Ring Plier For Spoons | Krefting, Jack |
| Soundboard Wood Function | Greenfield, Jack |
| Temperament Sequences | Root, Carl |
| The Olfa Knife | Grittani, Roland |
| Transfer of Members | Update Editor |
| Treatment of Ugly Duckling | Evans, Daniel A. |
| Vertical Damper Spoons | Krefting, Jack |
| What is a "Concert Tuner?" | Russell, Bob |

## KEYWORDS:

"Wrinkle Away" Steamer, 1981 Convention Delegates, A Glance At The Past Helps, Acoustics, Action, Action From Frame, Action Not Removable, Action Rails, Action Removal & Replacement, Actions, Adhesives, Advancement of, After-touch, Aftertouch Need & Degree, Aluminum Action Rail?, Aluminum Rails, Analysis & Correction, Business, Caster Lubricant, Chapter Information, Chapter-Chapter Relations, Chickering Dampers, Concert Tuning, Damper, Damper Replacement, Damper Spoons, Damper Springs & Levers, Easing, Electric Hammer Resurfacing, Etc. Control, Examinations, Exams, Filing, Gadgets, Gauges, General, Glue Pot From Percolator, Hammer string, Hot Box, Hot Glues and Pots, Humorous Features, Inharmonicity, interpreting scale evaluation, Knuckles (Grands), Loudness/sustain factor, Lubricants, Lubricants and Cleaners, Making Successful Career, Mice, Minor Repair Tools, Moths, New Tuning Examination, New Tuning Test Questioned, Old Chickering Dampers, Other, Painted Steinway B, Parts, piano, Piano Technicians Guild, Programs, Programs Materials & Activity, PTG, PTG Guild Library, Punching-In-Socket Guard, Rebuilding, Regulating, Relationships Within, Repair, Replace Hammer Butt Leather, Roaches In Piano, Rods, San Francisco Convention, Scale Calculators, Shape Of Howard Knuckles, Sites & Times for Conventions, Snap Ring Pliers For Spoons, Soundboard Materials & Functions, Soundboard Wood Function, Special Interest Pianos & Parts, special use tools, Spoons & Timing, Story Of Development, Strain Of The Job, Technic-Knacks, Temperament Sequences, Temperaments, Tempered Scales, tension formula, Tests By Sections, The Olfa Knife, Theory, Tools, Tools and Equipment, Transfer of Members, Treatment of Ugly Duckling, Tuning, Vermin Control, Vertical Damper Spoons, Voicing, What is a "Concert Tuner?"

April 1981
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| "Pencil Problem" | Kurk, Dennis E. |
| 1981 Tech. Cal. Institute | Editor |
| Alisa Thompson Promoted | Editor |
| Aubrey Willis "Giver" | Cunningham, Jess |
| Bar Piano - Honky Tonk Sound | Krefting, Jack |
| Calculating Technician, Part XX | Roberts, David |
| Convention Registration | Editor |
| Cracked Plate Repair | Reineck, Edward A. |
| Fitting a Pinblock | Rappaport, Priscilla & Joel |
| Government Protection | Santy, Don |
| Grand Regulation Procedure | Pitsch, David W. |
| Interchapter Relationships | Russell, Bob |
| Let-Off In Player Rinky Tink | Foye, Gerald F. |
| Player Capstan Screw Tool | McCall, Raye |
| Player Pouches | Kajkowski, Ken |
| Repinning Action Centers | Krefting, Jack |
| Saving Cut Wire Ends | Heismann, Uari |
| Soapstone As Lubricant | Krefting, Jack |
| Square Grands In Australia | Schenscher, Karl |
| Tee Nut For Upright Pedal | Bergan, Paul |
| Thomas Jefferson Keyboard Technician | Greenfield, Jack |
| Wicksell, Carl E. | Wicksell, C. & L. |

## KEYWORDS:

"Pencil Problem", 1981 Tech. Cal. Institute, Acoustics, Alisa Thompson Promoted, Appointments & Honors, Aubrey Willis "Giver", Bar Piano - Honky Tonk Sound, Biographical Accounts, Business, Carl E., composers, Convention Registration, Cracked Plate Repair, etc.), Fitting a Pinblock, Fitting Pinblock To Plate, General Items, Government, Government Protection, Grand Regulation Procedure, Hammer Let-Off & Travel, Handling Precautions & Instruments, History, Inharmonicity, Institute of Piano Technology, Interchapter Relationships, interpreting evaluation, Let-Off In Player Rinky Tink, Loudness/sustain factor,, Lubricants and Cleaners, Lyre, Miscellaneous, modification example, Musicians (pianists, Pedals, Piano Technicians Guild, Pianos In Public Places, Plate Crack Repairs, Player Capstan Screw Tool, Player Pouches, Players, Rebuilding, Registrations & Attendance, Regulating, regulating, Relationships Within, Repair, Repinning, Repinning Action Centers, Saving Cut Wire Ends, Scale Bass-Treble Break, Soapstone As Lubricant, Solid, Specially Made Tools, Square Grands In Australia, Squares, Tee Nut For Upright Pedal, tension formula, Theory, Thomas Jefferson Keyboard Technician, Tools and Equipment, Wicksell

May 1981
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Above And Beyond For PTG | Stone, Sidney |
| Certified Tuning Examiners | Editor |
| Pride In Membership | Russell, Bob |
| PTG Roster/Directory 1981 | Editor |
| The PTG/AMI Partnership | Santy, Don |
| Tuning Exam Centers | Editor |

**KEYWORDS:**
Above And Beyond For PTG, Business, Certified Tuning Examiners, Cooperation Or Lack Of It, Examinations, Exams, In Guild And/Or Chapter, Officers Staff Committees, Piano Technicians Guild, Pride In, Pride In Membership, PTG, PTG Roster/Directory 1981, The PTG/AMI Partnership, Tuning Exam Centers

June 1981
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| A Lantern On The Stern | Galt, Don S. |
| Appreciation of Guild | Jackendoff, Jim |
| Books on Piano Technology | Greenfield, Jack |
| Bylaws Committee Report | Huether, Charles P. |
| Chickering Blocks 4 Piece | Krefting, Jack |
| Cooperation Applauded | Neblett, Norman |
| Cooperation Secret of PTG | Santy, Don |
| Develop Concept Piano Tone | McKlveen, Ben |
| Dulcitone Down Striker | Pealer, William |
| Electric Clock Times Work | Pealer, William |
| Folding Action Cradle | Foye, Gerald F. |
| Grand Piano Wobbles | Krefting, Jack |
| Handling Player Rolls | Manufacturer |
| Objections To Test System | McKlveen, Ben |
| OSHA Not A Bad Thing | Shapiro, Michael |
| Regulation Where Piano Is | Pitsch, David W. |
| Repinning Action Centres | Gregg, Steve |
| Review Leverett's "Buying" | Huether, Charles P. |
| Sensitivity For Piano Work | Tucker, Kirby |
| Shim Stock Special Use | McKay, Guy |
| Sostenuto Explained | Rappaport, Priscilla & Joel |
| Testing Equipment Case | Bittinger, Dick |
| Tuning Test Upheld | Coleman, James W. |
| Value of Chapter Letters | Russell, Bob |

## KEYWORDS:

A Lantern On The Stern, Action Cradles, Appreciation of Guild, Book Reviews, Books on Piano Technology, Business, Business Procedures, Bylaws Committee Report, Chickering Blocks 4 Piece, composers, Constitution & Bylaws, Cooperation Applauded, Cooperation Secret of PTG, Develop Concept Piano Tone, Dulcitone Down Striker, Electric Clock Times Work, Equipment, etc.), Examinations, Exams, Folding Action Cradle, Gadgets, Giving Credit, Grand Piano Wobbles, Handling Player Rolls, In Guild And/Or Chapter, Manuals, Models by Manufacturer, Musicians (pianists, Newsletters & Publicity, Objections To Test System, OSHA Not A Bad Thing, Piano Technicians Guild, Player Rolls, PTG, Rebuilding, Regulating, Regulation Where Piano Is, Repinning, Repinning Action Centers, Restoration, Review Leverett's "Buying", Sensitivity For Piano Work, Shim Stock Special Use, Sostenuto Explained, Sostenuto Uses, Special Interest Pianos & Parts, Strain Of The Job, Structural Repairs, Testing Equipment Case, Testing Tools, Theory, Tone Evaluation, Tools and Equipment, Tuning Test Upheld, Value of Chapter Letters, Voicing

July 1981
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| 1981 Tech, Institute Program | Defebaugh, George |
| Adjustable Capo Bar | Krefting, Jack |
| Burred Damper Spoons | |
| Epoxy In Timing Pin Holes? | Shapiro, Michael |
| Goal Reached in Presidency | Russell, Bob |
| Hammer Rail Left Shift | Mayhercy, K.W. |
| History Musical Scales | Greenfield, Jack |
| Install New Keyboard | Krefting, Jack |
| Jack Adjustment | Pitsch, David W. |
| Key Regulation | Rappaport, Priscilla & Joel |
| Knowing The Customer | Monroe, Paul |
| No Concert Today | Kerber, Walter |
| PTG Goals Same As Yesterday | Santy, Don |
| Repair Weak Keys | Krefting, Jack |
| Restore Gulbransen Player | McCall, Raye |
| Tool For Hammer Loops | Mayhercy, K.W. |
| Tool For Key Dip | Muncy, Wade |
| Tuning Pin Torque | Frederick, R. S. |

## KEYWORDS:

1981 Tech, Adjustable Capo Bar, Advancement of, Aim & Function, Burred Damper Spoons, Business, Epoxy In Timing Pin Holes?, Gadgets, General Regulation, Getting Along With People, Goal Reached in Presidency, Hammer & Hammer Shank, Hammer Rail Left Shift, History, History Musical Scales, Install New Keyboard, Institute of Piano Technology, Institute Pr'o9ram, Jack, Jack Adjustment, Key Dip, Key Regulation, Key Repairs, Keyboard Differences, Knowing The Customer, No Concert Today, Other, Other Treatments, Parts, Piano Technicians Guild, Players, Pressure Bar, PTG Goals Same As Yesterday, Rebuilding, Regulating, Repair Weak Keys, Restore Gulbransen Player, Scales, Spoons & Timing, Theory, Tool For Hammer Loops, Tool For Key Dip, Tools and Equipment, Tuning Pin Torque

August 1981
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Bridle Strap & Weak Repeat | Gaswell, Alan R. |
| Considering A Newsletter? | Graham, Susan |
| Controlled Dissonance | Leob, Gerald E. |
| Ethics In Our Business | Santy, Don |
| Humidity Hammer Change | Krefting, Jack |
| McCann's "Artist Beware" | Shapiro, Michael |
| Musical Scales of China | Greenfield, Jack |
| Need Glue Easy To Undo | Block, William L. |
| Regarding Hearing Loss | McKlveen, Ben |
| Renuzit Cleans Knuckles | Blatt, Libby |
| Renuzit Cleans Knuckles | Bratt, Libby |
| Repair of Broken Ribs | Krefting, Jack |
| Servicing A Piano | Monroe, Paul |
| String Replacement | Reed, Vince |
| Tribute: Henry F. MacConagy | Cunningham, Jess |
| Tuning With Bird On Head | Foye, Gerald F. |
| Unstable High Treble | Krefting, Jack |

## KEYWORDS:

Acoustics, Adhesives, Biographical Accounts, Book Reviews, Bridle Strap & Weak Repeat, Bridle-Straps Wires, Business, Cleaning Process-es & Mater, Considering A Newsletter?, Controlled Dissonance, Ethics In Our Business, Hammer Density, Hearing/ Speaking, Humidity Hammer Change, Humorous Features, Inharmonicity, Jack to Knuckle, Lubricants and Cleaners, McCann's "Artist Beware", Musical Scales of China, Nature of Tuning, Need Glue Easy To Undo, Newsletters & Publicity, Over-All Tests, Piano Service In General, Piano Technicians Guild, Pitch Changes, Rebuilding, Regarding Hearing Loss, Regulating, Renuzit Cleans Knuckles, Repair of Broken Ribs, Scales, Servicing A Piano, Shaping Ribs, Standards & Code of Ethics, String Replacement, String Replacement & Ordering, The Ear, Theory, Tribute: Henry F. MacConagy, Tuning, Tuning With Bird On Head, Unstable High Treble, Voicing, Wafers & Ivorine Cement

September 1981
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Answer Fly Fitting Problem | Foye, Gerald F. |
| Backcheck Adjustment | Krefting, Jack |
| Birdcage Piano | Krefting, Jack |
| Council Sessions 1981 | PTG Secretary |
| Europiano Congress 1981 | Huether, Charles P. |
| Goals for the Guild | Stone, Sidney |
| How Much Voicing? | Krefting, Jack |
| Musical Scales of China (2) | Greenfield, Jack |
| Parliamentary Wise | Thompson, Ailsa |
| Piano Fun | Kornbinder II |
| Pressures Of Survival | Santy, Don |
| Pumps Revisited | McCall, Raye |
| Removing Grand Wippen | McKay, Guy |
| Setting The Hammer Blow | Pitsch, David W. |
| String Sizzle | Krefting, Jack |
| Stripped Let Off Rail | Baker, Liz |
| The Inner Technician | Graham, Susan |
| Tool To Bend Repetition. Springs | Jones, Art |
| Touch Resistance | Krefting, Jack |
| Tuning Bar Piano | Hopperstad, Jim |

## KEYWORDS:

Actions, Aim & Function, Answer Fly Fitting Problem, Attachments or Alterations, Backcheck Adjustment, Back-Check Position, Birdcage (Over-Damper), Birdcage Piano, Business, Business Procedures, Buzzes, Constitution & Bylaws, Continental Europe, Council Affairs, Council Sessions 1981, Etc., Europiano Congress 1981, Gadgets, General Attitudes, Goals for the Guild, Hammer Installation (New Sets), Hammer Let-Off & Travel, How Much Voicing?, Humorous Features, International, Music Desks, Musical Scales of China (2), Noises, Non-Traditional. Temperaments, Parliamentary Wise, piano, Piano Fun, Piano Technicians Guild, Player Motors, Pressures Of Survival, Pumps Revisited, Rebuilding, regulating, Regulating, Removing Grand Wippen, Setting The Hammer Blow, Strain Of The Job, String Sizzle, Stripped Let Off Rail, The Inner Technician, Tone Evaluation, Tool To Bend Repetition. Springs, Tools and Equipment, Touch Resistance, Touch Weight, Tuning, Tuning Bar Piano, Voicing, Whippen Removal & Replacement, Zinging

October 1981
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Ancient Scales & Tuning | Greenfield, Jack |
| Convention Report 1981 | Graham, Susan |
| Customer' Relationships | McKlveen, Ben |
| Guild Advancement | Preuitt, Ernest S. |
| Hammer Blow Continued | Pitsch, David W. |
| Hammer Holder Any Angle | Paulding, Bart |
| Meet Sidney Stone | Editor |
| Music In China | Reed, Thomas S. |
| Muting The Piano | Monroe, Paul |
| Only Gallows Humor | McKlveen, Ben |
| Post Convention Tour | Tolbert, Alpha |
| String Clip Bass Strings | Koford, Herman |
| Time And Money | Santy, Don |
| Tribute To Floyd Qualls | Lyons, W. Jesse |
| Voicing | Krefting, Jack |
| Your Insurance | Ross, Eloise |

## KEYWORDS:

Advancement of, Ancient Scales & Tuning, Biographical Accounts, Book Reviews, Business, Convention Report 1981, Council Affairs, Customer Relationships, Customer' Relationships, Gadgets, Guild Advancement, Hammer Blow Continued, Hammer Holder Any Angle, Hammer Let-Off & Travel, History Of Piano, Humorous Features, In General, Insurance, Insurance & Taxes, Meet Sidney Stone, Music, Music In China, Musicians, Muting, Muting The Piano, Nature of Tuning, Only Gallows Humor, Piano Technicians Guild, Post Convention Tour, Regulating, Reports, Selling Services, String Clip Bass Strings, Time And Money, Tools and Equipment, Tribute To Floyd Qualls, Tributes To The Living, Tuning, Voicing, Your Insurance

November 1981
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Apprentice Chapter Exams | Editor |
| Early Greek Music Scales | Greenfield, Jack |
| Fire Damage To Keytops | Krefting, Jack |
| Grand Hammer Replacement | Graham, Susan |
| Hammer Checking Verticals | Krefting, Jack |
| Let-Off Dip and Drop | Pitsch, David W. |
| Membership PTG Life Blood | Cunningham, Jess |
| Piano Wire and Temperament | Monroe, Paul |
| PTG Committees 1981-1982 | Editor |
| Puzzles of Inharmonicity | Merrill, David |
| Repair Stripped Out Screws | Welton, T. Scott |
| Story Of My Life | Preuitt, Ernest S. |
| Strides In Fifty Years | Smith, Virgil E. |
| Tribute To Sidney Brown | Bergan, Paul |
| Tuning Test Centers | Editor |

## KEYWORDS:

Acoustics, Action Rails, Advancement of, Apprentice Chapter Exams, Back-Check Position, Biographical Accounts, Book Reviews, Early Greek Music Scales, Examinations, Exams, Fire Damage To Keytops, Grand Hammer Replacement, Hammer Checking Verticals, Hammer Let-Off & Travel, History Of Piano, In Memoriam & Death Notice, Inharmonicities in Temp., Inharmonicity, Key Tops and Fronts, Let-Off Dip and Drop, Lyre, Membership PTG Life Blood, Music, Musicians, Officers Staff Committees, Pedals, Piano Technicians Guild, Piano Wire and Temperament, Prospects & Promotion, PTG, PTG Committees 1981-1982, Puzzles of Inharmonicity, Rebuilding, Regulating, Repair, Repair Stripped Out Screws, Screw tightening, Story Of My Life, Strides In Fifty Years, Tribute To Sidney Brown, Tuning, Tuning Test Centers

December 1981
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| A Half Century Of Progress | Smith, Virgil E. |
| Bench Repair | McKlveen, Ben |
| Drilling Pinblock | Erickson, Glenn |
| Evaluating A Piano | Krefting, Jack |
| Executive Director Report | Santy, Don |
| Grades of Wire | Krefting, Jack |
| Greek Music and Scales | Greenfield, Jack |
| Honoring Bob Burton | Bennett, Mike |
| Let-Off Method and Gauges | Pitsch, David W. |
| Making Loop and Eyelet | Rappaport, Priscilla & Joel |
| Plastic Steamer | |
| Popularity of Piano | Santy, Don |
| Questions Re: Tuning Tests | Kurk, Dennis E. |
| Stapling Hammers | Krefting, Jack |
| Test Blow Device | Davies, Clair |
| The China Tour | Stone, Sidney |
| Thinned Treble Shanks | Krefting, Jack |
| Why Membership in PTG? | Flegle, Dick |

## KEYWORDS:

A Half Century Of Progress, Acoustics, Bench, Bench Repair, Business, Coils, Council Affairs, Drilling Pinblock, Estimates, Evaluating A Piano, Examinations, Exams, Executive Director Report, gadgets, Grades of Wire, Greek Music and Scales, Hammer Let-Off & Travel, Hammer Repairs, Hammer Shanks, Honoring Bob Burton, Hot Box, Let-Off Method and Gauges, Loops, Making Loop and Eyelet, Materials, Musical Scales, Piano Technicians Guild, Pianos, Pinblock Boring & Bushings, Pin-Eyes, Plastic Steamer, Popularity of Piano, Popularity Of Piano, PTG, Questions Re: Tuning Tests, Rebuilding, Regulating, Reports, Stapling Hammers, Stool, Story Of Development, Test Blow Device, The China Tour, Thinned Treble Shanks, tools, Tools and Equipment, Touch Weight, Tributes To The Living, Values, Why Membership in PTG?, Wire

January 1982
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Ancient Theatre Acoustics | Greenfield, Jack |
| China Tour Report | Stone, Sidney |
| Drugs Vs. Auditory Nerves | Hanitchak, L.H. |
| Grand Hammer Hanging | Graham, Susan |
| Grand Jack Replacement | Krefting, Jack |
| Intervals In Tuning | Monroe, Paul |
| Is Art Enough? | |
| Minding Your Own Business | Fox, Lee |
| Shimming Action Brackets | Krefting, Jack |
| The Drop | Pitsch, David W. |
| The Reed 0rgan | McCall, Raye |
| Unison Tuning | Krefting, Jack |
| Who Is Charles P. Huether | Editor |

## KEYWORDS:

Acoustics, Action Removal & Replacement, Ancient Theatre Acoustics, Biographical Accounts, Business, China Tour Report, Council Affairs, Drop Screws, Drugs Vs. Auditory Nerves, General Acoustics, Grand Hammer Hanging, Grand Jack Replacement, Hammer Drop, Hammer Installation (New Sets), Health, Intervals, Intervals In Tuning, Is Art Enough?, Jack Repairs, Minding Your Own Business, Over-All Tests, P.T. Guild & Music Industry, Piano Technicians Guild, Rebuilding, Reed Organs, Regulating, Self Examination, Shimming Action Brackets, Small Business Administration, Tempered Scales, Tests By Sections, The Drop, The Reed 0rgan, Tuning, Tuning Standards, Unison Tuning, Who Is Charles P. Huether

February 1982
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Business Sense And Ethics | Schrodt, Kai |
| Buzzing Strings Repair | |
| Facing Death | Santy, Don |
| Facing The New Year | Stone, Sidney |
| Key Dip | Krefting, Jack |
| Meet Dan Evans | Editor |
| Music Desk Problems | McKlveen, Ben |
| Music In Roman Era | Greenfield, Jack |
| Proper Pinblock Fit | Krefting, Jack |
| The Book Of The Piano | Huether, Charles P. |
| Tuning The Octave | Monroe, Paul |

## KEYWORDS:

Biographical Accounts, Book Reviews, Business, Business Sense And Ethics, Buzzing, Buzzing Strings Repair, Facing Death, Facing The New Year, General Attitudes, History Of Piano, Key Dip, Meet Dan Evans, Music, Music Desk Problems, Music Desks, Music In Roman Era, Musicians, Octave-Stretching, Piano Technicians Guild, Proper Pinblock Fit, Rebuilding, Regulating, Restoration, Standards & Code of Ethics, The Book Of The Piano, Tuning, Tuning The Octave

March 1982
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Exam Committee | Berry, Ronald L. |
| From Temperament Down | Monroe, Paul |
| Greek Music Theory End | Greenfield, Jack |
| Inharmonicity, Aural Tests | Schulze, Gary |
| Inharmonicity, Aural Tests | Shulze, Gary |
| Keys in General | Graham, Susan |
| Music Industry A Business | Santy, Don |
| Pianocorder Accessory | Editor |
| Replacing Wippen Cord | Krefting, Jack |
| Teamwork In The Guild | Stone, Sidney |
| The After Touch | Pitsch, David W. |
| The Well Tempered Clavier | Publisher |
| Tight Tuning Pins | Krefting, Jack |
| Traveling Hammers | Krefting, Jack |
| Valves in Players | McCall, Raye |

## KEYWORDS:

Acoustics, After-touch, Attachments, Aural Tests, Book Reviews, Compensation for Inharmonicity, Cooperation Or Lack Of It, Electronics, Exam Committee, Examinations, Exams, From Temperament Down, Greek Music Theory End, History Of Piano, Inharmonicity, Keys, Keys in General, Music, Music Industry, Music Industry A Business, Musicians, Octave-Stretching, Order By Sections, Piano Industry, Piano Technicians Guild, Pianocorder Accessory, Pins Jumping, Player Bellows, PTG, Rebuilding, Regulating, Replacing Wippen Cord, Spacing & Traveling Hammers, Teamwork In The Guild, The After Touch, The Well Tempered Clavier, Tight Tuning Pins, Too Tight, Traveling Hammers, Tuning, Valves, Valves in Players, Wippens & Wippen Rail

April 1982
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| 25th Anniversary. PTG Info. | Editor |
| Anatomy Of A Business | McKlveen, Ben |
| Build Damper Guide Rail | Rappaport, Priscilla & Joel |
| Business Building | Tabachnick, David |
| Extension Hammer Virtues | Krefting, Jack |
| Glassing Pinblocks | Russell, Bob |
| Guild Growth | Santy, Don |
| Haines Brothers Action | Krefting, Jack |
| Meet Marshall B, Hawkins | Editor |
| Meet Richard A.Flegle Sr. | Editor |
| Piano Tooner, Ph.D. | Hoerlein, Hans |
| Pride of Association | Preuitt, Ernest S. |
| Regulating for Aftertouch | Pitsch, David W. |
| Tetrachord & Scale Origins | Greenfield, Jack |
| The Technicians Appearance | Crowl, Errol P. |
| Towards Guild Advancement | Stone, Sidney |
| Tuning Exams In Question | Kurk, Dennis E. |
| Unison Tuning Cannot Vary | Monroe, Paul |

## KEYWORDS:

25th Anniversary. PTG Info., Action Differences, Advancement of, After-touch, Anatomy Of A Business, Aspirations, Biographical Accounts, Book Reviews, Build Damper Guide Rail, Business, Business Building, Care of Tuning Hammer, Convention. Conferences Seminars, Cooperation Or Lack Of It, Damper Action, Development & Success, Examinations, Exams, Extension Hammer Virtues, Fitting Pinblock To Plate, Glassing Pinblocks, Guild Growth, Haines Brothers Action, Hawkins, History Of Piano, Meet Marshall B, Meet Richard A. Flegle Sr., Music, Musicians, P.T. Guild & Music Industry, Ph.D., Piano Technicians Guild, Piano Tooner, Pride In, Pride of Association, PTG, Rebuilding, Regulating, Regulating for Aftertouch, Small Business Administration, Story Of Development, Tetrachord & Scale Origins, The Technicians Appearance, Towards Guild Advancement, Tuning, Tuning Exams In Question, Tuning Standards, Tuning Tolerance, Unison Tuning Cannot Vary

May 1982
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| After Touch Misunderstood | Pitsch, David W. |
| Ancient Music History | Greenfield, Jack |
| Bedding Back Rail | Williams, Mark |
| Bylaws Committee Report | Santy, Don |
| Heads and Tails | Graham, Susan |
| How The Times Affect Us | Stone, Sidney |
| Pitch Raising | Monroe, Paul |
| Player Stack Replacement | McCall, Raye |
| Pneumatic Recovering Aid | McCall, Raye |
| Rubber Mountings In Motors | McCall, Raye |
| Spinet Damper Replacement | Krefting, Jack |
| The Sound Of Ancient Music | Editor |
| The Tuning Test | Berry, Ronald L. |
| Travel Shanks On Brass Rail | Krefting, Jack |
| Tuning As An Occupation | Chesebrough, Connie |
| Tuning Unisons | Howell, W. Dean |
| Tuning Unisons | Jones, Phil |
| Tuning Unisons | Schultz, Jonathon |
| Tuning Unisons | Smith, Virgil E. |

## KEYWORDS:

Action Rails, After Touch Misunderstood, After-touch, Analysis Of, Ancient Music History, Bedding Back Rail, Bedding Keyframe, Book Reviews, Business, Bylaws Committee Report, Constitution & Bylaws, Damper Replacement, Electric Motor Adjustments, Hammer Line, Heads and Tails, How The Times Affect Us, Ivories, Ivory Replacements, Materials, Music Books, Piano Industry, Piano Technicians Guild, Pitch Raising, Player Stack Regulation, Player Stack Replacement, Players, Pneumatic Recovering Aid, Publishers Authors Public Media, Raising Pitch, Rebuilding, Regulating, Rubber Mountings In Motors, Spacing, Spinet Damper Replacement, The Sound Of Ancient Music, The Tuning Test, Travel Shanks On Brass Rail, Traveling, Tuning, Tuning As An Occupation, Tuning Procedure, Tuning Standards, Tuning Unisons, Wages & Economy

June 1982
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Bending Wire Mutes | Berg, Harry |
| Bridge Pressure Fixture | Blakeny, Laurie |
| Chipped Ivory Repair | Pettengill, Edward H. |
| Membership Analyzed | Santy, Don |
| Monochords & Tuning Forks | Greenfield, Jack |
| Newsletter Editorship | Editor |
| Peters, George - A Tribute | Oliver, Stanley |
| Piano Bench Repair | McKlveen, Ben |
| Rebuilding Verticals | Krefting, Jack |
| Saga of an Examinee | Alexander, Wade |
| Sight-0-Tuner Modification | Weinberger, Richard J. |
| The Office Of President | Stone, Sidney |
| Tuner Business Tips | Monroe, Paul |

## KEYWORDS:

Bench, Bending Wire Mutes, Book Reviews, Bridge Pressure Fixture, Business, Business Procedures, Chipped Ivory Repair, Early Tuning Devices, Electronic Tuners, Examinations, Exams, Functions, General, George - A Tribute, History, In Memoriam & Death Notice, Ivory Replacements, Membership, Membership Analyzed, Monochords & Tuning Forks, Muting, Newsletter Editorship, Participation Community Af, Peters, Piano Bench Repair, Piano Technicians Guild, PTG, Rebuilding, Rebuilding Verticals, Repair, Saga of an Examinee, Sight-0-Tuner Modification, Specially Made Tools, Stool, The Office Of President, Tools and Equipment, Tuner Business Tips, Tuning, Vertical

July 1982
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| PTG Directory 1982-1983 | Editor |
| Value Of Our Organization | Preuitt, Ernest S. |
| What Does PTG Mean To Me? | Stone, Sidney |

**KEYWORDS:**
Officers Staff Committees, Piano Technicians Guild, PTG Directory 1982-1983, Value Of Our Organization, Values, What Does PTG Mean To Me?

August 1982
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Back Check Distance Cont'd | Pitsch, David W. |
| Bridge and Its Functions | Rappaport, Priscilla & Joel |
| Early Organ Designs | Greenfield, Jack |
| Guilds | Santy, Don |
| Lid Prop Gadget | Koford, Herman |
| Measuring Wire Sizes | Berry, Ronald L. |
| Pedal Repairs | Graham, Susan |
| President's Task | Preuitt, Ernest S. |
| Profession Or Trade? | Bakker, Kelwin J. |
| PTG Organizational Chart | Santy, Don |
| Rebushing Flanges | Krefting, Jack |
| Setting An Accurate A | Monroe, Paul |
| Universal Player P Company | McCall, Raye |
| What Do You Get Out of PTG | Santy, Don |

## KEYWORDS:

Back Check Distance Cont'd, Back-Check Position, Bridge and Its Functions, Bridge Replacements, Bridges, Business, Early Organ Designs, Functions, Gadgets, Guilds, Guilds & Associations, Handling Precautions & Instruments, History, Lid Prop Gadget, Lids, Lyre, Measuring Wire Sizes, Organization, Organs, Other, Parts, Pedal Repairs, Pedals, Piano Industry, Piano Technicians Guild, Player Mechanisms, President's Task, Profession Or Trade?, PTG Organizational Chart, Rebuilding, Rebushing Flanges, Regulating, Repairing Flanges, Setting An Accurate A, Starting Pitch, The Profession, Tools and Equipment, Tuning, Universal Player P Company, What Do You Get Out of PTG

September 1982
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| 1982 Tech, Institute Report | Lagoy, Martha |
| A Rebuilt Piano | Monroe, Paul |
| Acceptance Speech At PTG | Preuitt, Ernest S. |
| Early Keyboard Instruments | Greenfield, Jack |
| Inserts For Lyre Repairs | Harr, Thomas H. |
| Making Damper Guide Rail | Krefting, Jack |
| Pinblock Replacement | Krefting, Jack |
| Polishing Balance Rail Pin | Foye, Gerald F. |
| Repetition Spring Strength | Pitsch, David W. |
| Resume of 1982 Conv. Actions | Secretaries |
| Traveling Jig For Shanks | Davis, Steve |
| Unisons And Decay Rates | Ellis, James F. |
| Vertical Rebuilding | Krefting, Jack |

## KEYWORDS:

1982 Tech, A Rebuilt Piano, Acceptance Speech At PTG, Balance Rail, Damper Action, Early Keyboard Instruments, gadgets, History, Inserts For Lyre Repairs, Institute of Piano Technology, Institute Report, Keyboard Instruments, Lyre, Making Damper Guide Rail, Officers Staff Committees, Pedals, Piano Technicians Guild, Pinblock Installation, Pinblock Replacement, Polishing Balance Rail Pin, Rebuilding, Repetition Spring, Repetition Spring Strength, Reports, Resume of 1982 Conv. Actions, Spacing & Traveling Hammers, tools, Traveling Jig For Shanks, Tuning, Tuning Tolerance, Unisons And Decay Rates, Vertical, Vertical Rebuilding

October 1982
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Administrative Skills | McKlveen, Ben |
| Altered Equal Temperament | Fairchild, Steve |
| Blow Distance | Krefting, Jack |
| Cash in on Your Inferiority Complex | Powers, Helen |
| Check Key Weight Resistance | Pitsch, David W. |
| Check Key Weight Resistance | Pitsch, David W. |
| Corporeal Entity | Preuitt, Ernest S. |
| Education Back To Basics | Santy, Don |
| Getting Into The Guild | Banner, Chris |
| Ill-fitted Pinblock | Krefting, Jack |
| Loose Balance Rail Pins | Krefting, Jack |
| Open Pinblock Fitting | Krefting, Jack |
| Position Of Grand Jacks | Krefting, Jack |
| Pythagorean Tuning | Greenfield, Jack |
| Rebuild Gulbransen Motor | McCall, Raye |
| Salesmanship | Monroe, Paul |
| Shop Safety And Sanity | Graham, Susan |
| Silver Anniversary Awards | Editor |
| String Coil Maker | Haines, Roy |
| Supporting The Arts | Editor |
| Types of PTG Membership | Preuitt, Ernest S. |
| Your Piano & Piano Technician | West, Kjos |

## KEYWORDS:

Administrative Skills, Advancement of, Altered Equal Temperament, Award Winners, Balance Rail, Blow Distance, Book Reviews, Business, Cash in on Your Inferiority Complex, Check Key Weight Resistance, Classification, Coils, Corporeal Entity, Early Temperaments, Education Back To Basics, Etc., Fitting Pinblock To Plate, Gadgets, Getting Into The Guild, Ill-fitted Pinblock, Jack to Knuckle, Key Dip, Leads, Loops, Loose Balance Rail Pins, Open Pinblock Fitting, P.T. Guild & Music Industry, Piano Technicians Guild, Pin-Eyes, Player Motors, Position Of Grand Jacks, Pythagorean Tuning, Rebuild Gulbransen Motor, Rebuilding, Regulating, Repair, Restoration, Salesmanship, Self Examination, Selling Services, Services Rendered, Shop Safety And Sanity, Shop Set-Ups, Silver Anniversary Awards, Small Business Administration, Springs, Standards & Code of Ethics, String Coil Maker, Structure, Supporting The Arts, Theory, Time Element, Tools and Equipment, Touch Weight, Touch-Weight, Tuning, Types of PTG Membership, Your Piano & Piano Technician

November 1982
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Action Centerpinning | Sprinkle, Paul W. |
| Brass Flange Repairs | Foye, Gerald F. |
| Business Building | Bashaw, Philip |
| Dealers And Technicians | McKlveen, Ben |
| Hammer Boring | Tremper, Fred W. |
| Hammer Installation | Krefting, Jack |
| International Conference | Odenheimer, Fred |
| Named Steinway President | Meyer, Lloyd W. |
| Named Vice-Pres. Steinway | Dove, Robert F. |
| Pinblock Installation | Krefting, Jack |
| Post Pythagorean Changes | Greenfield, Jack |
| Pratt-Read Sohmer Combine | Editor |
| Soundboard Decals | Floyd, R. Errol |
| Steinway Sostenuto Regulation | Grossman, Matthew R. |
| The Ed Wood Key Leveler | Wood, Edwin W. |
| The Unison | Monroe, Paul |
| Top Bass Bridge Repair | Dege, Ernest |
| West's "Your Piano---" | Smith, Virgil E. |
| Yamaha First Music Printer | Editor |

## KEYWORDS:

Acoustics, Action Centerpinning, Awards Honors Gifts, Book Reviews, Brass Flange Repairs, Business, Business Building, Continuing Brass Flanges, Dealer Relations, Dealers And Technicians, Early Temperaments, Emblem Decals & Name Transfers, Hammer Boring, Hammer Installation, Hammer Installation (New Sets), International, International Conference, Intervals, Key Easing, Named Steinway President, Named Vice-Pres. Steinway, Other Specifics, Ownership And/Or Other Changes, Piano Industry, Pinblock Installation, Post Pythagorean Changes, Pratt-Read Sohmer Combine, Rebuilding, Regulating, Repair, Repair Attachments, Repinning, Selling Services, Sostenuto Blade Adjustment, Soundboard Decals, Spacing & Leveling, Specially Made Tools, Steinway Sostenuto Regulation, The Ed Wood Key Leveler, The Unison, Tools and Equipment, Top Bass Bridge Repair, Tuning, Tuning Tolerance, West's "Your Piano---", Yamaha First Music Printer

December 1982
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Center Pin Imbalance | Krefting, Jack |
| Check Key Weight Resistance | Pitsch, David W. |
| Form Follows Function (FLW) | Day, Allan |
| Giving And Receiving | Preuitt, Ernest S. |
| Grand Damper System Regulation. | Graham, Susan |
| Grand Rim Construction | Tittle, Martin B. |
| Humidity Effects on Tuning | Krefting, Jack |
| Just Keyboard Tuning | Greenfield, Jack |
| Key Stop Rail Adjustment | Pitsch, David W. |
| Key Weight Adjustment | Krefting, Jack |
| Need For Mutual Concern | Santy, Don |
| Pinblock Replacement | Denning, Jeff E. |
| Soundboard Repair | Krefting, Jack |
| Spring Winding Tool | Foye, Gerald F. |
| Tuning As A Business | Kerber, Walter |
| Tuning Stability | Monroe, Paul |
| Vertical Soundboard Repair | Krefting, Jack |

## KEYWORDS:

Action Rails, Business, Case and Associated Parts, Center Pin Imbalance, Check Key Weight Resistance, Cooperation Or Lack Of It, Damper Action, Early Temperaments, Flanges, Form Follows Function (FLW), Gadgets, Giving And Receiving, Grand Damper System Regulation., Grand Rim Construction, Humidity Effects on Tuning, Just Keyboard Tuning, Key Stop Rail Adjustment, Key Weight Adjustment, Keystrip Adjustment, Need For Mutual Concern, Other, Parts, Piano Technicians Guild, Pin Setting, Pinblock Replacement, Problems, Rebuilding, Regulating, Restoration, Small Business Administration, Soundboard Repair, Soundboard Repairs, Special Interest Pianos & Parts, Spring Winding Tool, The Public, Theory, Tools and Equipment, Touch Weight, Tuning, Tuning As A Business, Tuning Stability, Vertical Soundboard Repair

January 1983
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Action Dolly TV Cart | Thatcher, Walter |
| Agraffe Alignment | Pealer, William |
| AI Bianchi In Record Sales | Editor |
| Bass String Basics | Foye, Gerald F. |
| Computer Tools For Tuners | Staton, Ted |
| Conventions A Problem | Santy, Don |
| Early Temperament | Greenfield, Jack |
| Grand String Cover | Janes, Robert L. |
| Rebush & Lube Pedals Etc. | Pitsch, David W. |
| Restyled Cable Piano | Bailey, Ben |
| Rice-Macy Piano | Dickey, A. W. |

## KEYWORDS:

Action Carriers, Action Dolly TV Cart, Agraffe Alignment, Agraffes & Bridge Pins, AI Bianchi In Record Sales, Bass String Basics, Business, Computer Tools For Tuners, Conventions A Problem, Convtns. Conferences Seminars, Early Temperament, Early Temperaments, Grand String Cover, Lyre, Management tool, Other, Over-stringing, Parts, Pedals, Piano Technicians Guild, Rebuilding, Rebush & Lube Pedals Etc., Repair, Restyled Cable Piano, Rice-Macy Piano, Rust & Moisture Removal, Selling Services, Special Interest Pianos & Parts, Special Use Tools, Theory, Tools and Equipment, Tuning

February 1983
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Altered Equal Temperament | Tittle, Martin B. |
| Common Model Well Temperaments | Editor |
| Comparisons In Tuning | McKlveen, Ben |
| Grand Damper Regulation | Pitsch, David W. |
| Helmholz Soc. Of America | Huether, Charles P. |
| Late Renaissance Tuning | Greenfield, Jack |
| Middle Ground In Education | Moonan, William J. |
| Organizations Need Not Die | Santy, Don |
| Piano Hides Fugitive | Editor |
| Repinning Upright Butts | Tabachnick, David |
| Shimming Soundboards | Krefting, Jack |
| Spinet Elbows Removal | Laravela, Larry |
| Tool For Repetition Spring | Davies, Clair |
| Vertical Back Construction | Tittle, Martin B. |
| Watching for Attitudes | Preuitt, Ernest S. |

## KEYWORDS:

Altered Equal Temperament, Business, Case and Associated Parts, Common Model Well Temperaments, Comparisons In Tuning, Damper Spacing Timing Positioning, Early Temperaments, Easing Flanges, Elbows, Gadgets, General Attitudes, Grand Damper Regulation, Guilds & Associations, Helmholz Soc. Of America, Late Renaissance Tuning, Middle Ground In Education, Non-Traditional. Temperaments, Organizations Need Not Die, Origin & Founders, Other, Over-All Tests, Parts, Piano As Musical Instrument, Piano Hides Fugitive, Piano Technicians Guild, Pianos, Rebuilding, Regulating, Repinning Upright Butts, Sea, Shimming Soundboards, Shims, Spinet Elbows Removal, The Public, Tool For Repetition Spring, Tools and Equipment, Tuning, Vertical Back Construction, Watching for Attitudes

March 1983
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Adjustable Bridgepin Punch | Mehaffey, Francis |
| Auxiliary Tuning Devises | Meehan, Joseph A. |
| Care of Tuning Fork | Hunt, Newton J. |
| Case & Action Installation | Tittle, Martin B. |
| Chickering Dampers | Krefting, Jack |
| Cooperation Abroad | Odenheimer, Fred |
| Damper Levers of Sostenuto | Pitsch, David W. |
| Equal Temperament Origin | Greenfield, Jack |
| Fairchild Altered Temperament | Manley, Steve |
| Grand Action Swing Cradle | Wilkinson, H.Gene |
| Helpful Hints | Santy, Don |
| Install Brass Butt Plates | Hazzard, Nancy |
| Replace Knuckles | Krefting, Jack |
| Soundboard Shimming | Krefting, Jack |
| Steinway and Musicomputer | Editor |
| The Art Of Development | Preuitt, Ernest S. |
| Tuning Below Temperament | Monroe, Paul |
| Use of Wood Screws | Koford, Herman |
| Work Without Pain | Davies, Clair |

## KEYWORDS:

Acoustics, Action, Action Cradles, Action Installation, Adjustable Bridgepin Punch, Auxiliary Tuning Devises, Business, Butt Plates, Care of Tuning Fork, Case & Action Installation, Case and Associated Parts, Chickering Dampers, Climatic Considerations, Computers, Cooperation Abroad, Damper, Damper Levers of Sostenuto, Dampers, Electronics, Equal Temperament, Equal Temperament Origin, Fairchild Altered Temperament, Foreign Connections, Grand Action Swing Cradle, Helpful Hints, Hooks, Install Brass Butt Plates, International, Knuckles (Grands), Lift Rods, Materials, Non-Traditional. Temperaments, Order By Sections, Parts, Peculiarities, Rails, Rebuilding, Regulating, Repair, Replace Knuckles, Screws (Wooden), Shims, Shop Tools & Equipment, Sostenuto Blade Adjustment, Soundboard Shimming, Steinway and Musicomputer, Strain Of The Job, Tempered Scales, The Art Of Development, Tools and Equipment, Tuning, Tuning Below Temperament, Tuning Screw Stringer, Use of Wood Screws, Wires, Work Without Pain

April 1983
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Acrosonic Action Removal | McKay, Guy |
| Adjusting To Change | Preuitt, Ernest S. |
| Bridge Pin Drill Guide | Bordon, Russell H. |
| Bridge Pin Drill Guide | Gordon, Russell |
| Bridge Repair | Krefting, Jack |
| Continuing Education PTG | McKlveen, Ben |
| Final Steps in Regulation | Pitsch, David W. |
| Hammer Felt Manufacture | Tittle, Martin B. |
| Measuring The Crown | Stewart, A. David |
| Piano Production Lately | Odenheimer, Fred |
| Piano Tuning In Bad Times | Santy, Don |
| Proposed Changes Bylaws | Editor |
| Restore Veneer On Pinblock | Aanstad, Odd |
| Social Changes Influence | Greenfield, Jack |
| Soundboard Analysis | Graham, Susan |
| Soundboard Cracks Ridges | Nock, Samuel |
| String Level Damper Seat | Pitsch, David W. |
| The Full Time Technician | Davies, Clair |
| Tool For Seating Strings | Haines, Roy |
| Tuning Stability | Krippenstapel, G. |
| Two Octave Temperaments | Sanderson, Albert E. |

## KEYWORDS:

Acrosonic Action Removal, Action, Action Removal & Replacement, Adjusting To Change, Bridge Pin Drill Guide, Bridge Pins, Bridge Repair, Bridges, Bridges & Ribs, Business, Constitution & Bylaws, Continuing Education PTG, Cracks & Bucking, Final Steps in Regulation, Gadgets, Hammer Felt Manufacture, Hammers, Measurements for New Soundboard, Measuring The Crown, Nature of Tuning, Other, Parts, Piano Industry, Piano Production Lately, Piano Technicians Guild, Piano Tuning In Bad Times, Pin Setting, Post-Regulation, Production, Proposed Changes Bylaws, Rebuilding, Regulating, Restore Veneer On Pinblock, Social Changes Influence, Soundboard, Soundboard Analysis, Soundboard Cracks Ridges, Strain Of The Job, String Level Damper Seat, Temperaments Setting, The Full Time Technician, The Profession, Tool For Seating Strings, Tools and Equipment, Tuning, Tuning Stability, Two Octave Temperaments, Veneer, Wages & Economy

May 1983
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Analysis of Piano Tones | Robinson, Christopher S. |
| Broken String Replacement | Krefting, Jack |
| Broken String Replacement | Krefting, Jack |
| Dealing With The Dealer | Davies, Clair |
| Early Keyboard Patterns | Greenfield, Jack |
| False Beat String Repair | Krefting, Jack |
| Hal & Lyne Memorialized | Bryant, James G. |
| Hammer Making | Tittle, Martin B. |
| Keytop Wall Tile Cement | Jameson, Sally K. |
| Piano Appraisals | Meehan, Joseph A. |
| Reassessing Ourselves | Boshart, Walter |
| Scraping the Soundboard | Graham, Susan |
| Selling Or Service | Truitt, William |
| The Tuner's Tune | Editor |
| Treble Bridge Installation | Krefting, Jack |
| Tubby Bass Strings | Krefting, Jack |
| Tuning Pin and Pinblock | Krippenstapel, G. |
| Weighing Off Keys | Reed, Thomas S. |

## KEYWORDS:

Action, Analysis of Piano Tones, Bridge Replacements, Broken String Replacement, Business, Buying & Selling, composers, Dead Bass Strings, Dealer Relations, Dealing With The Dealer, Early Keyboard Patterns, Etc., etc.), False Beat String Repair, False Beats, Hal & Lyne Memorialized, Hammer Making, Hammers, History, In Memoriam & Death Notice, Keytop Removing & Gluing, Keytop Wall Tile Cement, Leads, Musicians (pianists, P.T. Guild & Music Industry, Parts, Piano Appraisals, Piano Industry, Piano Technicians Guild, Pins & Coils, Pitch Changes, Reassessing Ourselves, Rebuilding, Regulating, Scraping the Soundboard, Self Examination, Selling Or Service, Selling Services, Soundboard Refinishing, Springs, String Replacement & Ordering, Teacher & Tech, The Tuner's Tune, Tone Quality, Touch Weight, Treble Bridge Installation, Tubby Bass Strings, Tuning, Tuning Pin and Pinblock, Types of Early Pianos, Voicing, Weighing Off Keys

June 1983
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Bridge Modification | Krefting, Jack |
| Conducting An Appraisal | Meehan, Joseph A. |
| Controlling Tone | Robinson, Christopher S. |
| Controlling Tone | Robinson, Christopher S. |
| Convention Site Problems | Santy, Don |
| Equating Ear And Strobe | Baldassin, Rick L. |
| Flemish Keyboard Instruments | Greenfield, Jack |
| Kimball Merger | Editor |
| Loosening Glue On Ribs | Krefting, Jack |
| Odd Uses Rubber Tubing | Foye, Gerald F. |
| Piano String Manufacture | Tittle, Martin B. |
| Prospecting By Phone | Davies, Clair |
| Setting New Goals In PTG | Preuitt, Ernest S. |
| The Extra In Piano Service | Jost, Willard H. |
| Treble Bridge Recapping | Krefting, Jack |
| Tuning Pin Control | Krippenstapel, G. |
| Tuning Test Experiment | Winn, Lloyd |
| What PTG Means To Me | Huether, Charles P. |

## KEYWORDS:

Adhesives, Aim & Function, Bridge Modification, Bridges, Business, Conducting An Appraisal, Controlling Tone, Convention Site Problems, Electronic Tuning Aids, Equating Ear And Strobe, Estimates, Examinations, Exams, Flemish Keyboard Instruments, Glue Removal, Good-Will Practices, History, Keyboard Instruments, Kimball Merger, Loosening Glue On Ribs, Modifications, Odd Uses Rubber Tubing, Other, Ownership And/Or Other Changes, Parts, Piano Industry, Piano String Manufacture, Piano Technicians Guild, Pianos, Pin Setting, Pride In, Prospecting By Phone, PTG, Rebuilding, Repair Attachments, Research, Selling Services, Setting New Goals In PTG, Sites & Times for Conventions, Strings, The Extra In Piano Service, Tonal Differences of Pianos, Tools and Equipment, Treble Bridge Recapping, Tuning, Tuning Pin Control, Tuning Test Experiment, What PTG Means To Me

July 1983
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Action Pulling Clips | Peele, Mark |
| Cracked Plate Repair | Krefting, Jack |
| Cutting Stemmed Hammers | Erlandson, Robert |
| Discretion in PTG Affairs | Hoff, Robert |
| English Virginals - Tuning | Greenfield, Jack |
| Fallboard Installation | Foye, Gerald F. |
| Gang Filing | Jameson, Sally K. |
| Jack Adjustments | Graham, Susan |
| Mutations (Destiny of PTG) | Hoskins, Leslie |
| Negative Crown | Krefting, Jack |
| Octaves and Double Octaves | Baldassin, Rick L. |
| Restringing | Krefting, Jack |
| Slow Government Response | Santy, Don |
| String Formulas | Fairchild, Steve |
| String Tension Study | Evans, Daniel A. |
| The Appraisal Form | Meehan, Joseph A. |
| The Hansen Piano | Allen, Eugene G. |
| Tone Regulating | Robinson, Christopher S. |
| Upright/Pinblock Separation | Bergan, Paul |
| Wire Drawing | Tittle, Martin B. |

## KEYWORDS:

Action Pulling Clips, Analysis & Correction, Business, Charges for Estimates, Cracked Plate Repair, Cutting Stemmed Hammers, Discretion in PTG Affairs, Easing, English Virginals - Tuning, Fallboard Installation, Filing, Gadgets, Gang Filing, Government, Grands, Hammer Installation (New Sets), History, In General, In Guild And/Or Chapter, Jack Adjustments, Jack Positioning, Keyboard Instruments, Loss of Crown, Materials, Mutations (Destiny of PTG), Negative Crown, Octaves and Double Octaves, Octave-Stretching, Opening the Piano, Other Treatments, P.T. Guild & Music Industry, Piano Technicians Guild, Plate Crack Repairs, Rebuilding, Regulating, Restringing, Self Examination, Slow Government Response, Special Interest Pianos & Parts, Squares, String Formulas, String Tension Study, Stringing & Restringing, Tension Formulas, The Appraisal Form, The Hansen Piano, Theory, Tone Regulating, Tools and Equipment, Tuning, Upright/Pinblock Separation, Voicing, Wire, Wire Drawing

August 1983
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Bass String Spinning | Tittle, Martin B. |
| Bridges and Agraffes | Robinson, Christopher S. |
| Broken Tuning Lever Shank | Foye, Gerald F. |
| Business Management | Santy, Don |
| Convention Update | Santy, Don |
| Cooperation In The Guild | Preuitt, Ernest S. |
| Fallboard Lock | Sierota, Walter |
| Felix Moser Piano | Krefting, Jack |
| Go Buy The Tool | Davies, Clair |
| Hammer Flange Rail Core | Graham, Susan |
| Know Market In Appraisals | Meehan, Joseph A. |
| Rebuilding Wiener Mechanic | Krefting, Jack |
| Restringing Pianos | Krefting, Jack |
| Rochester Aeolian Reopens | Editor |
| Viennese "Bumping" Action | French, Frank |

## KEYWORDS:

Action, Actions, Agraffes, Bass String Spinning, Bridges and Agraffes, Broken Tuning Lever Shank, Business, Business Management, Care of Tuning Hammer, Case Hardware & Lacks, Convention Update, Cooperation In The Guild, Cooperation Or Lack Of It, Estimates, Fallboard Lock, Felix Moser Piano, General, Go Buy The Tool, Hammer & Hammer Shank, Hammer Flange Rail Core, Know Market In Appraisals, Other, Over-stringing, Ownership And/Or Other Changes, Parts, piano, Piano Industry, Piano Technicians Guild, Rebuilding, Rebuilding Wiener Mechanic, Repair, Repair Attachments, Reports, Restringing Pianos, Rochester Aeolian Reopens, Small Business Administration, Special Interest Pianos & Parts, String Replacement & Ordering, Theory, Tools and Equipment, Tuning, Unusual Types, Viennese "Bumping" Action

September 1983
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| 1983 Technical Institute | Helmer, Joe |
| Agraffe Unusual Repair | Bergan, Paul |
| Appraisal Formulas | Meehan, Joseph A. |
| Case Assembly | Krefting, Jack |
| Duo-Art Roll Alignment | Armstrong, Durrell |
| Each One Reach One | Huether, Charles P. |
| Gang Filing | Farrar, Don |
| Italian Harpsichord Music | Greenfield, Jack |
| Japan Impressions | Odenheimer, Fred |
| Mathushek Spinet Grand | Tittle, Martin B. |
| Measuring Bearing | Robinson, Christopher S. |
| Measuring String Height | Foye, Gerald F. |
| Otto Erwin | Cunningham, Jess |
| Sang To Marriage Via Piano | Nichols, Bob |
| Scheer, Larry | Preuitt, Ernest S. |
| Shank Repair | Minton, L. E. |
| Soundboard Crack Treatment | Davies, Clair |
| Thinking Success | Santy, Don |
| Three Types Of Octaves | Baldassin, Rick L. |

## KEYWORDS:

1983 Technical Institute, Advancement of, Agraffe Unusual Repair, Agraffes, Appraisal Formulas, Business, Case and Associated Parts, Case Assembly, composers, Cracks & Bucking, Customer Buying (Used), Duo-Art Roll Alignment, Each One Reach One, etc.), Filing, Gang Filing, Hammer Line, In Memoriam & Death Notice, Institute of Piano Technology, International, Italian Harpsichord Music, Japan Impressions, Knowledge of Music, Larry, Mathushek Spinet Grand, Measuring, Measuring Bearing, Measuring String Height, Mending Shanks, Music Literature, Musicians (pianists, Octave-Stretching, Other, Otto Erwin, Parts, Piano Technicians Guild, Player Rolls, Rebuilding, Regulating, Sang To Marriage Via Piano, Scheer, Shank Repair, Soundboard Crack Treatment, Spacing, Special Interest Pianos & Parts, Strain Of The Job, Theory, Thinking Success, Three Types Of Octaves, Traveling, Tuning, Voicing

October 1983
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| Charitable Gifts | Santy, Don |
| Constructive Criticism | Preuitt, Ernest S. |
| Dealer Tuner Advantage | Graham, Susan |
| Early Clavier Music Tuning | Greenfield, Jack |
| Four Classes Aural Checks | Baldassin, Rick L. |
| Install Grand Fallboard | LaGoy, Martha |
| Kimball Action Brackets | Krefting, Jack |
| Koford Action Carrier | Koford, Herman |
| Measuring Soundboard Crown | Robinson, Christopher S. |
| Obsolete Action Repair | Krefting, Jack |
| Piano Bench Repair | Stout, Clarence P. |
| Pin Driving Fluid | Sponenburg, Dan |
| Plate Breakage Insurance | Vagias, Ernest |
| Time And Help To Appraise | Meehan, Joseph A. |
| Trouble With Gram Weights | Brady, Steve |

## KEYWORDS:

Action, Action & Associated Parts, Action Carriers, Antiques, Bench, Breaks, Business, Charitable Gifts, Clavichord, Constructive Criticism, Crown, Dealer Relations, Dealer Tuner Advantage, Early Clavier Music Tuning, Estimates, Four Classes Aural Checks, General Attitudes, History, Install Grand Fallboard, Kimball Action Brackets, Koford Action Carrier, Measuring Soundboard Crown, Obsolete, Obsolete Action Repair, Opening the Piano, Parts, Piano Bench Repair, Piano Industry, Pin Driving Fluid, Pin Tighteners, Plate Breakage Insurance, Rebuilding, Responsibility For, Restoration (Antiques), Stool, Tests By Sections, The Public, Time And Help To Appraise, Tools and Equipment, Touch Weight, Trouble With Gram Weights, Tuning

December 1983
CD# 1
Articles

| TITLE | AUTHOR |
|---|---|
| A Time For Reflection | Preuitt, Ernest S. |
| Direct vs Indirect Blow | Krefting, Jack |
| History of the Fairchild Temperament | Jorgensen, Owen |
| Muffler Rail Extraction | Hazzard, Nancy |
| New Executive Director Writes | Parks, Barbara |
| New Managers PTG | Editor |
| Rebuild Regulate Jack | Krefting, Jack |
| Tribute To Don Galt | Burbach, Charles |

## KEYWORDS:

A Time For Reflection, Action Differences, Appointments & Personnel Changes, Changes, Direct vs Indirect Blow, Early Temperaments, Eulogies & Obituaries, History, History Fairchild Temperaments, Jack, Muffler, Muffler Rail Extraction, New Executive Director Writes, New Managers PTG, Ownership And/Or Other Changes, Piano Industry, Piano Technicians Guild, Rebuild Regulate Jack, Rebuilding, Spinets, Tribute To Don Galt, Tuning

January 1984
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| 1/4 Comma Meantone | Greenfield, Jack |
| Business Books | |
| Concert Piano Preparation, Part I, Continuing Education | Brady, Steve |
| On Pitch | Baldassin, Rick L. |
| President's Message | Preuitt, Ernest S. |
| PTA Convention Set | Odenheimer, Fred |
| The Eclectic's Notebook | Robinson, Christopher S. |
| The Technical Forum | Heismann, B. |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Minton, L. E. |
| The Technical Forum | Sewell, Ellen |
| The Technical Forum | Snell, M. |
| The Technical Forum, Separable Damper Rail | Nereson, David G. |
| Truth Will Out | Bebout, Don |

## KEYWORDS:

1/4 Comma Meantone, Acoustics, Action Parts, analysis of the profession, Aural/electronic, Books, Brass rail, Business, Business Books, Concert preparation, Continuing Education, Conventions, False beat suppresser, False beats, Flanges vertical, Hammer boring vertical, Hammer shanks, Hammers boring verticals, International, Knuckle removal, New Year resolution poem, On Pitch, P.T. Guild & Music Industry, Parts, Piano, Pin Tuning, President's Message, PTA Convention Set, Rail flange, Rail Flange, Rail flange vertical, Rail separable damper vertical, Rebuilding, Regulating, Repair, Scale stick, Screwdriver notched, Self Examination, Springs damper, Springs damper vertical, Technicians, Temperaments, The Eclectic's Notebook, The Technical Forum, Theory, Tools & Equipment, Truth Will Out, tuning, Tuning, Tuning hammer, Vertical, vertical removing

February 1984
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| A Bank Robber's Business Philosophy | Parks, Barbara |
| Another Shattering Experience | Graham, Susan |
| Business Books | |
| Concert Piano Preparation, Part II | Brady, Steve |
| Each One Reach One | Huether, Charles P. |
| Industry News | |
| It's The Little Things That Count | Foye, Gerald F. |
| Meantone Variations | Greenfield, Jack |
| On Pitch | Baldassin, Rick L. |
| President's Message | Preuitt, Ernest S. |
| PTG British Tour | Odenheimer, Fred |
| Shop Talk | Graham, Susan |
| Shop Talk | Graham, Susan |
| Soundboards | Hohf, Bob |
| The Eclectic's Notebook | Robinson, Christopher S. |
| The Technical Forum | Evans, Daniel A. |
| The Technical Forum | Huether, Charles P. |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Minton, L. E. |
| The Technical Forum | Minton, L. E. |
| The Technical Forum | Nichols, Bob |
| The Technical Forum | Tocquigny, Michael |
| Time... For What? | Hoskins, Leslie |

## KEYWORDS:

A Bank Robber's Business Philosophy, Action centers repining, Action Parts, Agraffe, Another Shattering Experience, Antiques, Aural/electronic, Baldwin sale, Books, Brass rail, Business, Business Books, complete piano servicing, Concert Piano Preparation, Developing trust & respect, Each One Reach One, Elbows, Flanges Billings, Flanges brass, Flanges Steinway double, gauges, Hammers strike point, Industry News, International, It's The Little Things That Count, Key leveling, Knuckle replacement, Manufacturers, Meantone Variations, Measurements metric, Membership, Multipurpose, New parts, On Pitch, P.T. Guild & Music Industry, Part II, Philosophy, Piano Technicians Guild, pinblock, Plastic parts, Player technicians tools, President's Message, PTG British Tour, Reamers actions centers, Rebuilding, Regulating, Repair, Restoration, Screwdriver notched, Self Examination, Shop Talk, Shopmate bench, Soundboard, Soundboard geometry, Soundboards, spinet console, Staib-Abendschein Action, Technicians, Temperaments, The Eclectic's Notebook, The Technical Forum, Time... For What?, Tools & Equipment, Tour, Tuning, tuning voicing, Vertical

April 1984
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| A Case of Poor Repetition, Continuing Education | Brady, Steve |
| Business Books | |
| Each One Reach One | Huether, Charles P. |
| Early Well-Temperaments | Greenfield, Jack |
| Gadget of The Month | Jameson, Sally K. |
| International Scene | Odenheimer, Fred |
| Metric System & Piano Technology | Ellis, James F. |
| Multipurpose Tool Contest | Gibson, C. |
| PTG, Technicians Make Valuable Root | Parks, Barbara |
| Tech Tips | Gordon, R. |
| Tech Tips | Heismann, B. |
| The Eclectic's Notebook | Robinson, Christopher S. |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| Tool Idea | |

## KEYWORDS:

Actions, American, Best time to tune, Birdcage Damper Placement, Books, Bridge pin drilling, Bridges pin, Business, Business Books, Continuing Education, Damper spoon replacement, Dampers placement vertical, Dampers spring replacement, Dampers vertical, Dolly action, Each One Reach One, Early Well-Temperaments, Gadget of The Month, Glue injector, Hammers placement, International, International Scene, Key leveling, Key leveling block, Manufacturers, Measurements metric, Membership, Metric System & Piano Technology, Multipurpose Tool Contest, Piano Technicians Guild, PTG, Rebuilding, Regulating, Repair, Repetition, South Africa, Strings bass breakage cause, Strings removal of bent beckets, Tech Tips, Technicians Make Valuable Root, Temperaments, The Eclectic's Notebook, The Technical Forum, Tool Idea, Tools & Equipment, Tuning, Value, Vertical, Vice Grips

May 1984
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Each One Reach One | Huether, Charles P. |
| Executive Director Message | Parks, Barbara |
| Gadget of The Month | Ritchie, M. |
| Grand Hammer Hanging | Geers, Cliff |
| International Scene | Odenheimer, Fred |
| On Pitch | Baldassin, Rick L. |
| Shop Talk | Graham, Susan |
| Some Key Ideas | Rappaport, Priscilla & Joel |
| Teaching Pianists About Pianos | Brady, Steve |
| Tech Tips | Mrykalo, V. |
| Tech Tips | Waltrip, B. |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Root, Carl |
| Unusual Piano | Flippin, Don |
| Well-Tempered Keyboards: Bach & Neidhardt | Greenfield, Jack |

## KEYWORDS:

Adhesives, Agraffe remover, Andrea, Artist relations, Aural/electronic, Collard and Collard, Composers, Dampers upstop rail, Each One Reach One, education, Emery board, Executive Director Message, Felt cutter, Flanges split, Gadget of The Month, Grand Hammer Hanging, Hammers installation, hot glue, IAPBT, International, International Scene, Johann, Johann Georg, Key broken, Key bushing removal, Mattheson, Membership, Multipurpose, Musicians, Neidhardt, On Pitch, Parts, Pianist, Piano Technicians Guild, Pianos, Professionalism, Rebuilding, Regulating, Repair, Sharing knowledge, Shop Talk, Some Key Ideas, Teacher, Teaching Pianists About Pianos, Tech Tips, Technicians, Temperaments well, The Technical Forum, Titebond, Tools & Equipment, Tuning, Unusual Piano, Well-Tempered Keyboards: Bach & Neidhardt, Werkmeister

June 1984
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| A Passion For The Piano by Edith Oringer | Kitchin, R. |
| A Simple Formula | Venezia, C. |
| Grand Action Stack | Rappaport, Priscilla & Joel |
| Grand Action: A multinational Accomplishment | Brady, Steve |
| International Scene | Odenheimer, Fred |
| It's The Little Things That Count | Foye, Gerald F. |
| Later 18th Cent. Music & Tuning In Germany | Greenfield, Jack |
| On Pitch | Baldassin, Rick L. |
| Patent it Yourself by D. R. Pressman | |
| The Eclectic's Notebook | Robinson, Christopher S. |
| The Technical Forum | Kingsbury, Ralph |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |

**KEYWORDS:**
18th Century Germany, A Passion For The Piano by Edith Oringer, A Simple Formula, Action brackets seating, Actions evolution, Aural/ electronic, Book Review, Dampers placement vertical, Dampers Troubleshooting vertical, Dampers vertical installation, Grand action, Grand Action Stack, Grand Action: A multinational Accomplishment, Hammer installation, Hammer installation vertical, Hammer voicing, Hammers old, History, history, International, International Scene, It's The Little Things That Count, Later 18th Cent. Music & Tuning In Germany, On Pitch, Patent it Yourself by D. R. Pressman, Pianos, Rebuilding, Repair, Schimmel Brochures/Video, Strings formulas, Temperaments, The Eclectic's Notebook, The Technical Forum, Tools & Equipment, Tuning, Vertical, Workbench/regulating bench

July 1984
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Each One Reach One | Huether, Charles P. |
| Executive Director Message | Parks, Barbara |
| It's The Little Things That Count | Foye, Gerald F. |
| Multipurpose Tool Contest | Hart, G. |
| Music Theory & Tuning in 18th Cent. France | Greenfield, Jack |
| Music Theory & Tuning in 18th Cent. France | Greenfield, Jack |
| Music Theory & Tuning in 18th Cent. France | Greenfield, Jack |
| Shop Talk | Graham, Susan |
| The Eclectic's Notebook | Robinson, Christopher S. |
| The Technical Forum | Greve, Charles |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |

## KEYWORDS:

Blanchet, Case polyester finish, Composers, Computers, Couperin, Each One Reach One, Etionne Nicolas Eckard Gottfried Musicians Composers Rameau, Executive Director Message, Francois, Grand, Hammer voicing, Hammers boring Grand, Hammers hard, Harpsichords, Hitch pin stringing tools, It's The Little Things That Count, Jean Jacques, Key plates, Key sharp replacement, Key top replacement, Membership, Multipurpose Tool Contest, Music Theory & Tuning in 18th Cent. France, Music Theory & Tuning in 18th Century, Musicians, Nut drivers, Old parts, Pianists, Piano Technicians Guild, Rebuilding, Regulating, Repair, Repetition, Rousseau, Selling yourself, Shop Talk, Steinway old wippen conversion, Technicians, The Eclectic's Notebook, The Technical Forum, Theory, Tools & Equipment, Tuning, Voicing

August 1984
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Articles

| TITLE | AUTHOR |
|---|---|
| 18th Cent. Harpsichord Music & Tuning: Italy/England | Greenfield, Jack |
| Hammers & Music | Isaac, Ari |
| Heat Treating the Capo d'Asro, The Technical Forum | Grossman, Matthew R. |
| It's The Little Things That Count | Foye, Gerald F. |
| Multipurpose Tool Contest | Sponeburg, D. |
| Tech Tips | Bergan, Paul |
| Tech Tips | Neie, Gary A. |
| The Eclectic's Notebook | Robinson, Christopher S. |
| The Quick & Easy Practice Room Tuning | Lagoy, Martha |
| The Technical Forum | Dotzek, Dietrich |
| The Technical Forum | Krefting, Jack |
| Whipping Whippens Into Shape, Von der Werkstatt | Rappaport, Priscilla & Joel |

## KEYWORDS:

18th Cent. Harpsichord Music & Tuning: Italy/England, 18th Century Italy & England, Actions, Bass string twister, Capo bar heat treating, Hammers, Hammers & Music, Hammers soft, Herrburger Brooks Vertical, History, It's The Little Things That Count, Key rebushing, Multipurpose Tool Contest, Practice room, Profundity and engagement, Rebuilding, Repair, Sight-0-Tuner case modifications, spinet grommets, Springs damper, Stickers, Strings removal of bent beckets, Tech Tips, The Eclectic's Notebook, The Quick & Easy Practice Room Tuning, The Technical Forum, Theory, Tone, Tools & Equipment, Tuning, Vertical, Voicing, Von der Werkstatt, Wippens grand

September 1984
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Articles

| TITLE | AUTHOR |
|---|---|
| Continuing Education, Leg and Lyre Replacement | Brady, Steve |
| Early Advances In Equal Temperament | Greenfield, Jack |
| Getting The Organizational Spirit | Hawkins, Marshall B. |
| It's The Little Things That Count | Foye, Gerald F. |
| Jobs of The Future | Russell, Bob |
| Memories of England Scotland & Wales | Odenheimer, Fred |
| Multipurpose Tool Contest | Genk, B. |
| Olympic Tuning Tests Tech. Endurance | Reuter, R. |
| PTG Overseas Tour | Evans, Daniel A. |
| Reader Comments | Jackson, H. |
| The Eclectic's Notebook | Robinson, Christopher S. |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Tittle, Martin B. |

## KEYWORDS:

Actions, Backchecks replacement, Business, Continuing Education, Early Advances In Equal Temperament, Future, Getting The Organizational Spirit, History, International, It's The Little Things That Count, Jobs of The Future, Key bushing removal, Key plates, Keyboard making new, Leg & Lyre replacement grand, Memories of England Scotland & Wales, Multipurpose Tool Contest, Noises finding, Olympic Tuning Tests Tech. Endurance, Olympic tunings, Organization, Piano Technicians Guild, PTG Overseas Tour, Reader Comments, Rebuilding, Repair, Stability, Technicians, Temperaments, The Eclectic's Notebook, The Technical Forum, Tool case, Tools & Equipment, Tour review, Tuning, Vertical

October 1984
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Articles

| TITLE | AUTHOR |
|---|---|
| A $350 Billion Market | Russell, Bob |
| Continuing Education, Squeaking Shift Pedal | Brady, Steve |
| Evaluating for Restringing | Graham, Susan |
| Getting The Organizational Spirit | Hawkins, Marshall B. |
| International Scene | Odenheimer, Fred |
| Reader Comments | Macchia, A. |
| Reader Comments | Sturm, F. |
| Tech Tips | Hunnicutt, Hiram |
| The Eclectic's Notebook | Robinson, Christopher S. |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| Transitions in Temperaments | Greenfield, Jack |
| Tuning in Saudi Arabia | Burkhaller, N. |

## KEYWORDS:

A $350 Billion Market, Bridge, Business, case polyester finish removing, Continuing Education, Down bearing, Evaluating for Restringing, Foreign Tuning, Getting The Organizational Spirit, History, IAPBT, International, International Scene, Let-off tape, Marketing, Organization, Pedals shift sluggish, Pedals shift squeaking, Piano Technicians Guild, Pinblock, Rail hammer vertical, Reader Comments, Reamers actions centers depth stop, Rebuilding, Regulating, Repair, Ribs, Screws stripped, Soundboard crown, Strings, Tech Tips, Temperaments, The Eclectic's Notebook, The Technical Forum, Tools & Equipment, Transitions in Temperaments, Tuning, Tuning in Saudi Arabia, Vertical, Workbench/regulating bench

November 1984
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Broken Agraffe Repairs | Bergan, Paul |
| Contiguous interval Aural Tests | Sanderson, Albert E. |
| Continuing Education, How I Learned to ...Love the Checklist | Brady, Steve |
| Cristofori Action | Tittle, Martin B. |
| Exec. Dir. Message | Parks, Barbara |
| Getting The Organizational Spirit | Hawkins, Marshall B. |
| International Scene | Odenheimer, Fred |
| Isolating Problems | Foye, Gerald F. |
| Multipurpose Tool Contest | Stone, Sidney |
| Preferred Temperaments of Bach, Mozart, et al | Greenfield, Jack |
| President's Message | Huether, Charles P. |
| Taking the Mystery Out of Tuning | Smith, Virgil E. |
| Tech Tips | Adams, E. |
| Tech Tips | Oliver, Stanley |
| The Technical Forum | Hunnicutt, Hiram |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |

## KEYWORDS:

Actions, Agraffe repair, Bridges pin drilling, Broken Agraffe Repairs, Checklist, Contiguous interval Aural Tests, Continuing Education, Cristofori Action, et al, Exec. Dir. Message, Getting The Organizational Spirit, Giving thanks, Hammer shank repair gauge, Hammers new vertical, History, International, International Scene, Isolating Problems, Key broken, Key weighting, Manufacturers displays, Mozart, Multipurpose Tool Contest, Organization, Piano Technicians Guild, Preferred Temperaments of Bach, President's Message, Rebuilding, Regulating, regulating, Repair, Repetition, Rule 6" steel, Steinway Balancier, Taking the Mystery Out of Tuning, Tech Tips, Technicians, Techniques, Temperaments, Tests, The Technical Forum, Tools & Equipment, Troubleshooting, Tuning, Tuning pin talc vs. rosin, Vertical, Voicing

December 1984
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Comforting Feeling With Workers' Compensation | Russell, Bob |
| Continuing Education, The Case of the Percussive Piano | Brady, Steve |
| Getting The Organizational Spirit | Hawkins, Marshall B. |
| International Scene | Odenheimer, Fred |
| Its The Little Things That Count | Foye, Gerald F. |
| Keeping an Eye On The Future | Russell, Bob |
| Multipurpose Tool Contest | Patterson, David |
| On Pitch | Baldassin, Rick L. |
| Taking The Mystery Out of Tuning | Smith, Virgil E. |
| The Eclectic's Notebook | Robinson, Christopher S. |
| The President's Perspective | Huether, Charles P. |
| The Technical Forum | Bergan, Paul |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | McMenow, E. |
| Transition to Equal Temperament: Final Stage | Greenfield, Jack |

## KEYWORDS:

Aural/electronic, Backchecks, Backchecks grand, Brass rail, Business, Capo bar profile, Comforting Feeling With Workers' Compensation, Continuing Education, Finger, flanges, Future, Getting The Organizational Spirit, Guild and work, History, Insurance, International, International Scene, Its The Little Things That Count, Japan & Europe, Keeping an Eye On The Future, Key frame bedding, Key frame/bedding, Lubricants and Cleaners, Multipurpose Tool Contest, On Pitch, Organization, Percussive piano, Piano Technicians Guild, Regulating, Repair, Screws types and sizes, Selling losing points, Taking The Mystery Out of Tuning, Technicians, Temperaments, Temperaments & inharmonicity, The Eclectic's Notebook, The President's Perspective, The Technical Forum, Tools & Equipment, Transition to Equal Temperament: Final Stage, Tuning, Voicing

January 1985
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Articles

| TITLE | AUTHOR |
|---|---|
| Anvil Chorus for Technician and Piano | Graham, Susan |
| Early Music Revival | Greenfield, Jack |
| Eliminating Action Noise | Krefting, Jack |
| Looking Backward: Looking Forward | Parks, Barbara |
| Museum Concentrates on Piano Industry | |
| On Pitch | Baldassin, Rick L. |
| Pinblocks Repaired by Epoxy | |
| Player Tuning Problem | Krefting, Jack |
| Prepare for Success | Russell, Bob |
| Teaching Teachers About Their Pianos | Brown, Richard M. |
| The Case Of The Squeaky Pedals | Brady, Steve |
| The Health of The Industry | Odenheimer, Fred |
| The Nature of Change | Huether, Charles P. |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| Tight Action Brackets | Krefting, Jack |
| Transporting the Action | Foye, Gerald F. |
| Tuning Checks and Inharmonicity II | Smith, Virgil E. |
| Upright Damper Adjustment | Krefting, Jack |

## KEYWORDS:

Action, Action brackets, Action transport, Anvil Chorus for Technician and Piano, Aural/electronic, Beats, Business, Change, Damper lift, Dampers, Early Music Revival, Eliminating Action Noise, Future, Harpsichords, Historical, History, Industry, Inharmonicity, International, Key height grand, Looking Backward: Looking Forward, Museum Concentrates on Piano Industry, Noises, On Pitch, Pedals, Piano Industry, Piano Technicians Guild, Pianos, Pinblock, Pinblocks Repaired by Epoxy, Pins bridge, Player piano, Player Tuning Problem, Prepare for Success, Purpose, Rebuilding, Regulating, Repair, Success, Teacher relations, Teaching Teachers About Their Pianos, Tear-down, The Case Of The Squeaky Pedals, The Health of The Industry, The Nature of Change, The Technical Forum, Tight Action Brackets, Tools & Equipment, Transporting the Action, Tuning, Tuning Checks and Inharmonicity II, Upright Damper Adjustment

February 1985
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Adequate IRS Records | Russell, Bob |
| Brass Rail Repair Clips | Farrar, Don |
| Conventions in Europe | Odenheimer, Fred |
| File | Graham, M. |
| Food For Thought | Robinson, Christopher S. |
| Getting the Organizational Spirit | Hawkins, Marshall B. |
| Heave Ho! | Graham, Susan |
| Let's Not Be Too Professional | Parks, Barbara |
| Return to Historical Instruments & Temperaments | Greenfield, Jack |
| Spinet Sticker Retention | McNerney, M. |
| Spoon Benders | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| Tuning Stability | Jameson, Sally K. |
| Wanted: Future Washingtons and Lincolns | Huether, Charles P. |

## KEYWORDS:

Action Parts, Adequate IRS Records, Brass Rail Repair Clips, Business, Computer measurement, Conventions, Conventions in Europe, File, Food For Thought, Getting the Organizational Spirit, Heave Ho!, History, International, Key dip grand (noise), Leadership, Let's Not Be Too Professional, Multipurpose, Organization, Piano Technicians Guild, Plate removal, Professionalism, Rail brass, Rebuilding, Regulating, Repair, Return to Historical Instruments & Temperaments, Spinet Sticker Retention, Spinet stickers, Spoon benders, Spoon Benders, Spoons, Stability, Steinway action parts new, Taxes, Temperaments, The Technical Forum, Tools & Equipment, Tuning, Tuning Stability, Voicing, Wanted: Future Washingtons and Lincolns

March 1985
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| A Moving Experience | Robinson, Christopher S. |
| A Simple Task | Parks, Barbara |
| Acoustics of Piano - A Bibliography | Greenfield, Jack |
| Integration of Aural And Electronic Tuning | Baldassin, Rick L. |
| Low Bid | Tremper, Fred W. |
| March Madness | Huether, Charles P. |
| Multipurpose Tools | Krefting, Jack |
| Saga Of A Concert Tuning | Pettengill, Edward H. |
| Taking the Plunge! | Hawkins, Marshall B. |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| Tightening Plate Bolts | Foye, Gerald F. |
| Time Management | Smit, Robert |
| Wedging Soundboards | Krefting, Jack |

## KEYWORDS:

A Moving Experience, A Simple Task, Acoustics, Acoustics of Piano - A Bibliography, Aural/electronic, Bibliography, Business, Concert, General, Hammers Traveling, Health & Safety, Humor, Integration of Aural And Electronic Tuning, March Madness, Membership, Moving, Moving pianos, Multipurpose Tools, Piano square tone, Piano Technicians Guild, Pianos, Plate bolts, Pyra-Intonator, Rebuilding, Regulating, Repair, Saga Of A Concert Tuning, Soundboard, Taking the Plunge!, The Technical Forum, Tightening Plate Bolts, Time Management, Time management, Tools & Equipment, Tuning, Wedging Soundboards

April 1985
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Acoustics of Piano - A Bibliography | Greenfield, Jack |
| All About Adhesives, Part I, History, Bonding Theory | Fandrich, Delwin |
| Behind The Vertical Piano | Foye, Gerald F. |
| Believing in Ourselves | Hoskins, Leslie |
| Dowel Tool | Morris, B. |
| End of Acoustic Piano Market by 1990 | Russell, Bob |
| Is The Blind Tuner Disappearing? | Oliver, Stanley |
| Launching a New Era | Huether, Charles P. |
| Let's Not Rest On Our Laurels | Hawkins, Marshall B. |
| Modified Hypodermic Needle | Krefting, Jack |
| Taking a Good Look at PTG | Boshart, Walter |
| Tech Tips | Krefting, Jack |
| The Health of the Industry | Parks, Barbara |
| The International Scene | Odenheimer, Fred |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |

## KEYWORDS:

Acoustics, Acoustics of Piano - A Bibliography, Adhesives, advancement, Becket remover, Behind The Vertical Piano, Believing in Ourselves, Bibliography, Bonding Theory, Bridge notching, Bridle straps, Damper guide rail, Dowel Tool, End of Acoustic Piano Market by 1990, Exams, Future, Glues, History, Is The Blind Tuner Disappearing?, Launching a New Era, Let's Not Rest On Our Laurels, Manufacturers, Modified Hypodermic Needle, Multipurpose, NAMM report, Natural, New, Noises, Oiler, Organization, P.T. Guild & Music Industry, Piano Industry, Piano Technicians Guild, Rebuilding, Repair, Self Examination, Soundboard, Taking a Good Look at PTG, Tech Tips, Technicians, The Health of the Industry, The International Scene, The Technical Forum, Tools & Equipment, Visually impaired

May 1985
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| A Worksheet from Europe | Odenheimer, Fred |
| Action In The Rough | Graham, Susan |
| Agraffes | Foye, Gerald F. |
| All About Adhesives, Part II | Fandrich, Delwin |
| Bottom Board Repair | Nereson, David G. |
| Computer For The Sightless Technician | Hassig, Richard |
| Damper Height Adjustment | Theriault, M. |
| Duo-Art Tubing Scheme | Manhart, et al |
| Filing Pinblocks | Hassig, Richard |
| Multipurpose Tools | Howell, W. Dean |
| On Creativity | Parks, Barbara |
| Pinblock Drilling Equipment | Krefting, Jack |
| Tech Tips | Nereson, David G. |
| Tech Tips | Nereson, David G. |
| Tech Tips | Swinney, S |
| The Future of Our Logo | Huether, Charles P. |
| The Medicis and Italian Music | Greenfield, Jack |
| Vacuum Cleaner Improvement | Nereson, David G. |

## KEYWORDS:

A Worksheet from Europe, Action In The Rough, Adhesives, Agraffes, All About Adhesives, Bottom Board Replacement, Bridle strap inserter, Business, Case, Computer For The Sightless Technician, Computer talking, Creativity, Damper Height Adjustment, Dampers, Dehumidifier pin inserter, Duo-Art Tubing Scheme, Filing Pinblocks, History, International, Italian, Logo, Multipurpose Tools, Music, On Creativity, Part II, Parts, Pedal pivot pin inserter, Piano Technicians Guild, Pianos, Pinblock, Pinblock Drilling Equipment, Player piano, Rebuilding, Regulating, Repair, Repair worksheet, Rough, Synthetic, Tech Tips, The Future of Our Logo, The Medicis and Italian Music, Tools & Equipment, Vacuum cleaner, Vacuum Cleaner Improvement, Wire bending, Worksheet vertical

June 1985
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Articles

| TITLE | AUTHOR |
|---|---|
| A Threat from a New Technology | Parks, Barbara |
| Action Transporter/Workbench | Keller, B. |
| Cristofori's Start in Florence | Greenfield, Jack |
| It's The Little Things That Count | Foye, Gerald F. |
| Plate In/Out Guide Dowels | Balamut, B. |
| Seminar and Denver Charter | |
| Servicing (Not Ignoring) Agraffes | Robinson, Christopher S. |
| Shanks Clicking on Staccato Blow | Krefting, Jack |
| String Angle At Coil | Bullock, W. |
| Symmetry of Hammer Felt | Krefting, Jack |
| Tell Them Charlie Sent You | Huether, Charles P. |
| Ten-inch Tweezer Uses | Foye, Gerald F. |
| The Center of the Action | Hawkins, Marshall B. |
| The Fortuitous Glue Collar Worker | Patterson, David |
| Thick Plate | Krefting, Jack |

## KEYWORDS:

A Threat from a New Technology, Action Parts, Action transport/workbench, Action Transporter/Workbench, Agraffes, Bartolomeo, Beats false, Business, Convention, Convention. Conf. Seminars Wo, Cristofori, Cristofori's Start in Florence, Felt hammer, History, It's The Little Things That Count, Noises, Opportunities, Organization, Piano Industry, Piano Technicians Guild, Plate, Plate In/Out Guide Dowels, Rebuilding, Regulating, Repair, Reputation, Seminar and Denver Charter, Servicing (Not Ignoring) Agraffes, Shanks, Shanks Clicking on Staccato Blow, String Angle At Coil, Strings, Symmetry of Hammer Felt, Technicians, Technologies new, Tell Them Charlie Sent You, Ten-inch Tweezer Uses, The Center of the Action, The Fortuitous Glue Collar Worker, Thick Plate, Tools & Equipment, tools & equipment, Tuning, Tweezers, Uniqueness

July 1985
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| All About Adhesives, Part III, The Mechanics of Adhesive Bonding | Fandrich, Delwin |
| Backchecks | Graham, Susan |
| Cost of Living Adjustment | Russell, Bob |
| Cristofori Builds The First Piano | Greenfield, Jack |
| Misaligned Wippens | Krefting, Jack |
| Multi-purpose Rib Clamp | Donelson, James |
| Planning Your Trip To Overseas Factories | Odenheimer, Fred |
| Plate Suspension Systems & Downbearing | Lowell, Tom |
| Proto #5244 Plate Screw Bit | Tittle, Martin B. |
| Self-Adjusting Vice-Grips | Farrar, Don |
| Self-Improvement | Burbach, Charles |
| Tools Made From Stickers | Hoffsommer, C. |
| Trapwork | Krefting, Jack |
| Tuning Instability | Foye, Gerald F. |
| Why Do I Belong? | Hawkins, Marshall B. |

## KEYWORDS:

Action Parts, Adhesives, Backchecks, Bartolomeo, Bonding, Business, Clamp, Cost of Living Adjustment, Costs, Cristofori, Cristofori Builds The First Piano, Factories, History, International, Membership, Misaligned Wippens, Multipurpose, Multi-purpose Rib Clamp, P.T. Guild & Music Industry, Piano Technicians Guild, Planning Your Trip To Overseas Factories, Plate, Plate Suspension Systems & Downbearing, Pliers, Proto #5244 Plate Screw Bit, Rebuilding, Regulating, Screwdrivers, Self Examination, Self-Adjusting Vice-Grips, Self-Improvement, Stability, The Mechanics of Adhesive Bonding, Tools & Equipment, Tools Made From Stickers, Trapwork, Tuning, Tuning Instability, Why Do I Belong?, Wippens

August 1985
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Action Replaced With Broken Bridles | Giandalone, J. |
| Conrad Graf - Beethoven's Piano Builder | Swenson, Edward |
| Contemporary Journalists Report | Greenfield, Jack |
| Contest | Krefting, Jack |
| Failing to Plan is Planning to Fail | Hawkins, Marshall B. |
| How To Get to the Bottom Line | Blees, Willem |
| Modified Mute | Hansen, G. |
| Our Organization Is Many Things | Huether, Charles P. |
| Partnerships | Heikkinen, D. |
| Rusty Strings | Krefting, Jack |
| Surgical Flashlight | Milgraum, R. |
| Tight Action Brackets | Hansen, C. |
| Trapwork | Krefting, Jack |
| Vertical Pinblock Replacement | Reblitz, Arthur |
| What's New | Pettingill, Edward H. |

## KEYWORDS:

Action Replaced With Broken Bridles, Bartolomeo, Brackets, Bridle straps, Business, Conrad, Conrad Graf - Beethoven's Piano Builder, Contemporary Journalists Report, Contest, Cristofori, Failing to Plan is Planning to Fail, Fees, Filing paddles carbide metal, Graf, History, How To Get to the Bottom Line, Lighting, Modified Mute, Multipurpose, Mutes, Organization, Our Organization Is Many Things, Partnerships, Piano Technicians Guild, Pinblock, Planning, Rebuilding, Regulating, Repair, Rusty Strings, Strings, Surgical Flashlight, Tight Action Brackets, Tools & Equipment, Trapwork, Vertical Pinblock Replacement, What's New

September 1985
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| A lesson in World Understanding | Parks, Barbara |
| Contest | Krefting, Jack |
| Cristofori's Initial Piano Design | Greenfield, Jack |
| Hammer Needling | Krefting, Jack |
| It's The Little Things That Count | Foye, Gerald F. |
| Piano Technicians Foundation | Huether, Charles P. |
| Reader Comments | McKay, R. |
| Reconditioning the Grand Action | Graham, Susan |
| The Center Pedal | Krefting, Jack |

**KEYWORDS:**
A lesson in World Understanding, Bartolomeo, Contest, Cristofori, Cristofori's Initial Piano Design, Foundation, Hammer Needling, History, IAPBT, International, It's The Little Things That Count, Multipurpose, Needling, Pedal, Piano Technicians Foundation, Piano Technicians Guild, Plate, Reader Comments, Rebuilding, Reconditioning, Reconditioning the Grand Action, Regulating, Repair, sostenuto, The Center Pedal, Tools & Equipment, Voicing, Warpage

October 1985
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| All About Adhesives, Part IV, Epoxies: Aunt Matilda's Teacup | Fandrich, Delwin |
| An Opportunity to Evaluate our Progress | Parks, Barbara |
| Conventions and More | Odenheimer, Fred |
| Crisiofori's Soundboard Design | Greenfield, Jack |
| Downbearing | Krefting, Jack |
| Getting The Organizational Spirit | Hawkins, Marshall B. |
| It's The Little Things That Count | Foye, Gerald F. |
| Our New Tests | Huether, Charles P. |
| Pre-filing Hammers | Krefting, Jack |
| Rib Clamp Warning | Reblitz, Arthur |
| Source of Drill Press For Pinblocks | |
| The Cost of Advertising | Blees, Willem |

## KEYWORDS:

Adhesives, An Opportunity to Evaluate our Progress, Bartolomeo, Business, Clamp, Conventions and More, Costs, Crisiofori's Soundboard Design, Cristofori, Directory, Downbearing, Drill, Epoxies: Aunt Matilda's Teacup, Epoxy, Exams, Getting The Organizational Spirit, Hammer Filing, History, IAPBT, International, It's The Little Things That Count, Leads key leveling, New, Organization, Our New Tests, Piano Technicians Guild, Pre-filing Hammers, Rebuilding, Rib Clamp Warning, Source of Drill Press For Pinblocks, The Cost of Advertising, Tools & Equipment

November 1985
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Electronic Tuning Hints | Joslyn, E. |
| Facts Figures and a Little Whimsy | Parks, Barbara |
| Humidity vs. Downbearing | Minton, L. E. |
| It's The Little Things That Count | Foye, Gerald F. |
| Loose Pedal Pin | Rush, R. |
| New Tests Bring New Responsibilities | Huether, Charles P. |
| No Volume In Top Octave | Krefting, Jack |
| Paraffin On Keybed | Krefting, Jack |
| Pieces of String Too Short to Use | Graham, Susan |
| Player Piano Servicing and Rebuilding by Arthur Reblitz | McCall, Raye |
| Politics and Music in Florence | Greenfield, Jack |
| Priorities | Robinson, Christopher S. |
| Reader Comments | Landis, H. |
| Stanley #84358 Leverwrench | Graeber, P. |
| String Breakage | Krefting, Jack |
| Tech Tips | Krefting, Jack |
| The International Scene | Odenheimer, Fred |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Third Side of The Triangle | Hawkins, Marshall B. |
| Two Handy Tools | Hassig, Richard |

## KEYWORDS:

Action Parts, Bartolomeo, Book Review, Business, Cristofori, Customer-dealer Relations, Directory, Downbearing, Electronic, Electronic Tuning Hints, Exams, Factories, Facts Figures and a Little Whimsy, Future of, Handel, Heat glue, History, Humidity vs. Downbearing, International, It's The Little Things That Count, Keybed, Lever wrench, Loose Pedal Pin, Materials, Micrometer Braille, New Tests Bring New Responsibilities, No Volume In Top Octave, Paraffin On Keybed, Pedals, Piano Industry, Piano Technicians Guild, Pianos, Pieces of String Too Short to Use, Player piano, Player Piano Servicing and Rebuilding by Arthur Reblitz, Politics and Music in Florence, preshrinking, Priorities, Punchings, Punchings preshrinking, Reader Comments, Rebuilding, Repair, Stanley #84358 Leverwrench, String Breakage, Strings, Tech Tips, Temperaments, The International Scene, The Technical Forum, The Third Side of The Triangle, Tone, Tools & Equipment, Top Octave, top octave, Tuning, Two Handy Tools, Voicing, Wrench

December 1985
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| A Busy Year | Huether, Charles P. |
| A New Equidistant 12-Tone Temperament | Kolinski, M |
| A New Equidistant 12-Tone Temperament by Mieczyslaw Kolinski | |
| Are Your Competitors a Problem or Blessing? | Heikkinen, D. |
| Choosing A Computer | Hunt, Newton J. |
| Crisiofori's Last Work & His Successors | Greenfield, Jack |
| Diversification Is Key In Changing Times | Smit, Robert |
| Getting The Organizational Spirit | Hawkins, Marshall B. |
| It's The Little Things That Count | Foye, Gerald F. |
| Key Plates Falling Out | Krefting, Jack |
| Key Rebushing | Krefting, Jack |
| Reader Comments | Johnson, C. |
| Temperament Strip Anecdote | Ott, M. |
| The New Tuning by Lucas Mason | Wright, Allen |
| The Technical Forum | Krefting, Jack |
| Using The Accu-Fork | Hassig, Richard |

## KEYWORDS:

A Busy Year, A New Equidistant 12-Tone Temperament, A New Equidistant 12-Tone Temperament by Mieczyslaw Kolinski, Accu-Fork, Are Your Competitors a Problem or Blessing?, Bartolomeo, Book Review, Business, Choosing A Computer, Competitors, Computers, Crisiofori's Last Work & His Successors, Cristofori, Diversification, Diversification Is Key In Changing Times, General, Getting The Organizational Spirit, History, It's The Little Things That Count, Key, Key Plates Falling Out, Key rebushing, Key Rebushing, Membership, Mutes, Piano Technicians Guild, Pitch, Reader Comments, Rebuilding, Repair, Resultant tones, Temperament Strip Anecdote, Temperaments, The New Tuning by Lucas Mason, The Technical Forum, Tool case, Tools & Equipment, Tuning, Using The Accu-Fork

January 1986
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| An Educational Resolution | Huether, Charles P. |
| Cristofori Piano Use | Greenfield, Jack |
| Geometry & Mechanics of Downbearing Made Easy | Lowell, Tom |
| Photographs Optional | Parks, Barbara |
| Planning Your Trip to Europe | Odenheimer, Fred |
| PVC Pipe As A Clamp | Berryhill, D. |
| Reader Comments | Gallaway, K. |
| Repair And Replacement of Bridges | Stuart-Vail, Rob |
| Survival | Russell, Bob |
| The Art of 'Unsalesmanship' | Graham, Susan |
| The Right Moves | Hassig, Richard |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Sciortino, Joe |

## KEYWORDS:

Action Parts, An Educational Resolution, Bartolomeo, Bridge, Business, Clamp, Cooperation, Cristofori, Cristofori Piano Use, Customer Relations, Damper action alignment, Domenico, Downbearing, Education, Estimates, Europe, Geometry & Mechanics of Downbearing Made Easy, Hammer hanging jig, History, International, Manufacturers, Photographs Optional, Piano Industry, Piano Technicians Guild, Planning Your Trip to Europe, PVC Pipe As A Clamp, Reader Comments, rebuilding, Rebuilding, Regulating, Repair, Repair And Replacement of Bridges, Scarlatti, Self-evaluation, Stability, Survival, The Art of 'Unsalesmanship', The Right Moves, The Technical Forum, Theory, Tools & Equipment, Tuning

February 1986
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| A New Use for An Old Temperament | |
| Abrasives, Part I, What kind of Sandpaper Did you use? | Fandrich, Delwin |
| Anatomy of a Meeting | Huether, Charles P. |
| Appeals From Overseas | Odenheimer, Fred |
| Cleaning Soundboards | Hassig, Richard |
| Cristofori Pianos That Survived | Greenfield, Jack |
| I Understand What I Think You Said But | Parks, Barbara |
| Intervals, Scales, Temperaments | Sanderson, Albert E. |
| Put Your Heart Into It! | Hawkins, Marshall B. |
| Searching for Our History | Quint, Richard |
| Seasoning of Timber | Dockrill, Brian |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| Tuning Procedures, Part I | Ressl, Daniel |

## KEYWORDS:

A New Use for An Old Temperament, Abrasives, Acoustics, Anatomy of a Meeting, Appeals From Overseas, Bartolomeo, Beats counting, Board, Business, Cleaning Soundboards, Cloth/metal, Communication, Cristofori, Cristofori Pianos That Survived, General, Hammer technique, Hardware, History, I Understand What I Think You Said But, International, Intervals, Materials, Musical Scales, Noises, Organization, Part I, Parts, Piano Technicians Guild, Put Your Heart Into It!, Rebuilding, Sandpaper, Scales, Searching for Our History, Seasoning of Timber, Soundboard, Stability, Temperaments, Temperaments Kirnberger #2, The Technical Forum, Timber seasoning, Tools & Equipment, Tuning, Tuning Procedures, What kind of Sandpaper Did you use?

March 1986
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Concerts: Rock to Symphony | Hassig, Richard |
| Cristofori Actions & Other Design Details | Greenfield, Jack |
| Fortune's Favorite Children | Hawkins, Marshall B. |
| Foundation MTNA Scholarships | |
| Getting It Right On Paper | Parks, Barbara |
| It's The Little Things That Count | Foye, Gerald F. |
| Piano Tuning Part II: Temperaments | Ressl, Daniel |
| The International Scene | Odenheimer, Fred |
| The Mid-Year Board Meeting | Huether, Charles P. |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| What Is The Piano Technicians Foundation? | Preuitt, Ernest S. |
| Wrong Fallboard Decal | Krefting, Jack |

## KEYWORDS:

Action Parts, Actions, Bartolomeo, Board, Business, Concert, Concerts: Rock to Symphony, Convention, Cristofori, Cristofori Actions & Other Design Details, Dumb Sales Claims, Ethics, Fortune's Favorite Children, Foundation, Foundation MTNA Scholarships, Foundation scholarships, Getting It Right On Paper, History, IAPBT, International, It's The Little Things That Count, Job satisfaction, Piano Technicians Guild, Piano Tuning Part II: Temperaments, Regulating, Repair, Spring butt, Springs hammer, Temperaments, The International Scene, The Mid-Year Board Meeting, The Technical Forum, Tone, Tuning, Tuning pins, What Is The Piano Technicians Foundation?, Wrong Fallboard Decal

April 1986
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| A Question of Attitude | Hassig, Richard |
| Abrasives, Part II | Fandrich, Delwin |
| Crisiofori's Pianos: Case Design & Scaling | Greenfield, Jack |
| Getting the Organizational Spirit | Hawkins, Marshall B. |
| Here's How Everyone Wins in Las Vegas | Huether, Charles P. |
| Preparing For The Tuning Test | Stone, Sidney |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Slone, S. |
| The Winter Market | Odenheimer, Fred |

## KEYWORDS:

A Question of Attitude, Abrasives, Attitudes for sightless, Bartolomeo, Business, Crisiofori's Pianos: Case Design & Scaling, Cristofori, Exam, Exams, General, Getting the Organizational Spirit, Here's How Everyone Wins in Las Vegas, History, Leg grand, Manufacturers, NAMM report, Organization, Part II, Piano Technicians Guild, Preparing For The Tuning Test, Repair, Sandpaper, The Technical Forum, The Winter Market, Tools & Equipment, Tuning, Tuning Preparation

May 1986
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| 16 Pianos Stolen By Burglars With Style | |
| Convention Coverage, 1985 | Odenheimer, Fred |
| Early Piano Designs in France | Greenfield, Jack |
| Easy Fallboard Removal | Lagoy, Martha |
| Knuckle Bolstering Needle | Turek, W. |
| My Telephone is Ringing | Hassig, Richard |
| Plated Treble wire | Krefting, Jack |
| Spinet Hammer Angles | Krefting, Jack |
| Tenor String Inserter | Ott, M. |
| The Continuum Revisited | Hawkins, Marshall B. |
| The I-Hate-to-Tune Tuning | Graham, Susan |
| The Message Is Unchanged | Parks, Barbara |
| The Technical Forum | Krefting, Jack |
| Things I Do With A Computer | Hunt, Newton J. |

## KEYWORDS:

16 Pianos Stolen By Burglars With Style, 1985, Business, Calls for sightless, Computers, Convention Coverage, Dumb Sales Claims, Early Piano Designs in France, Easy Fallboard Removal, Enthusiasm, Fallboard, Hammers angle, History, IAPBT, International, Journal, Knuckle Bolstering Needle, My Telephone is Ringing, Needle, Parts, Piano design, Piano Technicians Guild, Pianos, Plated Treble wire, Rebuilding, Regulating, Repair, Shop, Spinet Hammer Angles, Stolen, Strings, Tenor String Inserter, The Continuum Revisited, The I-Hate-to-Tune Tuning, The Message Is Unchanged, The Technical Forum, Things I Do With A Computer, Tone, Tools & Equipment, Tuning

June 1986
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| An Exciting Time For You and the Guild | Huether, Charles P. |
| Aspects of Organizational Spirit | Hawkins, Marshall B. |
| Broken Plates | Young, Wilford |
| Hammer Blow Vs. Key Dip | Krefting, Jack |
| Kimball Players | Foye, Gerald F. |
| Magnetic Pickups for Electronic Tuners | Weinberger, Richard J. |
| Managing Our Capabilities | Hawkins, Marshall B. |
| Meantone | Wentworth, G. |
| Measure Your Skills | Odenheimer, Fred |
| Schröter: Germany's First Piano Builder | Greenfield, Jack |
| Starting Up | Smit, Robert |
| The Technical Forum | Lowell, Tom |
| The Technical Forum | Young, Wilford |
| Using The Sanderson Accu-Tuner | Hunt, Newton J. |
| Voicing With A dB Meter | Shultz, J. |
| Wire Size Change Reminders | Sciortino, Joe |

## KEYWORDS:

Accu-Tuner, An Exciting Time For You and the Guild, Aspects of Organizational Spirit, Blow distance key dip, Broken Plates, Business, Christoph Gottlieb, Conditions, dB meter, Development, Dumb Sales Claims, Electronic, Hammer Blow Vs. Key Dip, Hammer fell, History, International, Kimball Players, Magnetic Pickups for Electronic Tuners, Managing Our Capabilities, Meantone, Measure Your Skills, Miscellany, Monochord, Organization, Piano Technicians Guild, Pianos, Plate, Plate broken, Player piano, Rebuilding, Regulating, Repair, Restringing, Schröter, Schröter: Germany's First Piano Builder, Self Managing, Starting Up, Technicians, Temperaments, The Technical Forum, Tools & Equipment, Tuning, Using The Sanderson Accu-Tuner, Voicing, Voicing With A dB Meter, Wire Size Change Reminders

July 1986
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Hammers Caught Below Line | Krefting, Jack |
| Historical Pitch Standards | Krefting, Jack |
| Iron-On Veneer | Briant, Peter |
| Qualification Loopholes | Hawkins, Marshall B. |
| Silbermann: Germany's First Piano Maker | Greenfield, Jack |
| Summer: Not Necessarily Slow | Huether, Charles P. |
| The I-Hate-to-Tune Tuning, Part II | Graham, Susan |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Nelms, G. |
| Travel in Europe | Odenheimer, Fred |
| Wearing Gloves | Hassig, Richard |

## KEYWORDS:

Backchecks, Business, Dumb Sales Claims, Europe, Gottfried, Hammers Caught Below Line, Historical Pitch Standards, History, International, Iron-On Veneer, Overhead, Part II, Piano Technicians Guild, Pitch, Pitch standards, Qualification Loopholes, rebuilding, Rebuilding, Regulating, Repair, Restringing, Re-weighting, Shop, Silbermann, Silbermann: Germany's First Piano Maker, Standards, Summer, Summer: Not Necessarily Slow, The I-Hate-to-Tune Tuning, The Technical Forum, Travel in Europe, Tuning, Veneer, Wearing Gloves

August 1986
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Awards: The Measure of An Association | Parks, Barbara |
| German Clavichords Before The Piano | Greenfield, Jack |
| Honoring More Who Built the Guild | |
| I Washed It Off With My Garden Hose | Hassig, Richard |
| In the Plane From Copenhagen to L.A. | Odenheimer, Fred |
| Our Leadership's Path of Progress | Hawkins, Marshall B. |
| Recapping Preferable | Truitt, W. |
| Strip Filing | McLuckie, Ian S. |
| The Technical Forum | Krefting, Jack |

**KEYWORDS:**
Awards, Awards: The Measure of An Association, Bridge, Clavichord, Crazy, Europe, German Clavichords Before The Piano, Gottfried, Hammer filing, Hebenrtreit, History, Honoring More Who Built the Guild, I Washed It Off With My Garden Hose, In the Plane From Copenhagen to L.A., International, Manufacturers, NAMM report, Our Leadership's Path of Progress, Pantaleon, Past presidents, Piano Technicians Guild, Rebuilding, Recapping Preferable, Repair, Silbermann, Strip Filing, The Technical Forum, Voicing

September 1986
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| 1986 | Valley, Donald S. |
| Bach and Silbermann Pianos | Greenfield, Jack |
| Hammers Caught Below Line, II | Bremmer, B. |
| Memories of Europe | Odenheimer, Fred |
| Only The Numbers Have Changed | Jones, Henry L. |
| Some Bold and Important Legislation | Berry, Ronald L. |
| Termination Buzz | Quinn, W. |
| The 1986 PTG Study Tour of Europe, Part I | Hong, Yat-Lam |
| The Technical Forum | Caskey, Jack C. |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Young, Wilford |
| Widening Horizons | Hawkins, Marshall B. |

## KEYWORDS:

1986, Action & plate, Bach and Silbermann Pianos, Backchecks, Business, changes, Convention, Dumb Sales Claims, Europe, Exams, Gottfried, Hammers Caught Below Line, History, II, Income, International, Materials, Memories of Europe, Only The Numbers Have Changed, Organization, Part I, Piano Technicians Guild, Plate welding, Rebuilding, Regulating, Repair, Silbermann, Some Bold and Important Legislation, Termination Buzz, The 1986 PTG Study Tour of Europe, The Technical Forum, Tone, tour, Widening Horizons

October 1986
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| An Update on The Guild History Search | Quint, Richard |
| Associate With the Guild | Berry, Ronald L. |
| Furniture Cleaning Formula | |
| Later History of Silbermann Pianos | Greenfield, Jack |
| Old Concert Halls Still The Best | |
| The 1986 PTG Study Tour of Europe, Part II | Hong, Yat-Lam |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Squire, D. |
| The True Assets of an Association | Hawkins, Marshall B. |
| Tips For Apprentices | Krefting, Jack |
| Your Image: The Job Is Boss | Parks, Barbara |

## KEYWORDS:

Acoustics, Action cradle, Action Parts, An Update on The Guild History Search, Associate With the Guild, Back post, Business, Christoph Gottlieb, Concert Halls, Damper wire, Dumb Sales Claims, Europe, Flange guards, Furniture, Furniture Cleaning Formula, General, Gottfried, History, Image, International, Later History of Silbermann Pianos, Lubricants and Cleaners, Materials, Membership, Old Concert Halls Still The Best, Part II, Piano Technicians Guild, Rebuilding, Schröter, Silbermann, The 1986 PTG Study Tour of Europe, The Technical Forum, The True Assets of an Association, Tips For Apprentices, Tools & Equipment, tour, Your Image: The Job Is Boss

November 1986
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| An Immigrant Story | Huether, Charles P. |
| Associate With the Guild | Berry, Ronald L. |
| Gathering Information | Parks, Barbara |
| Inharmonicity: Best Resolved Aurally or Electronic? | Lowell, Tom |
| It's The Little Things That Count | Foye, Gerald F. |
| Psychology of In-Home Service | Barr, David |
| Reader Comments | Jameson, Sally K. |
| Reusing Damper Felt Chancey | Krefting, Jack |
| The Friederici Family: First Upright Pianos | Greenfield, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Phillips, C. |
| Using the Consumer Price Index | Root, Carl |
| You Can Overcome Failure | Hawkins, Marshall B. |

## KEYWORDS:

1911, Alfred, An Immigrant Story, Associate With the Guild, Attitudes, Business, Dampers, Dealer Relationships, Dolge, Dumb Sales Claims, Friederici Gottlob, Gathering Information, Hammer, Hammers loose, History, Inharmonicity, Inharmonicity: Best Resolved Aurally or Electronic?, Insurance health, It's The Little Things That Count, Membership, Overhead, Piano Technicians Guild, Piano values, Price Index, Psychology of In-Home Service, Reader Comments, rebuilding, Rebuilding, Repair, Reusing Damper Felt Chancey, Self-image, The Friederici Family: First Upright Pianos, The Technical Forum, Tuning, Using the Consumer Price Index, You Can Overcome Failure

December 1986
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| A Year of Change and Challenge | Hawkins, Marshall B. |
| Autobiography of a Piano | Tittle, Martin B. |
| International Visitors | Odenheimer, Fred |
| Its The Little Things That Count | Foye, Gerald F. |
| Shank-pulling Tip | Rush, R. |
| The Holiday Spirit | Parks, Barbara |
| The Introduction of Square Pianos | Greenfield, Jack |
| The Seventh Dragon by Anita T. Sullivan | Krefting, Jack |
| The Technical Forum | Bremmer, B. |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| Watching Your Money and the News | Jones, Henry L. |

## KEYWORDS:

1911, A Year of Change and Challenge, Autobiography of a Piano, Book Review, Business, C. P. E. Bach, Change, Christoph Gottlieb, Dumb Sales Claims, Economic Indicators, Evaluation grand, Friederici Gottlob, Gottfried, History, Holidays, International, International Visitors, Its The Little Things That Count, Johann, Piano purchasing, Piano Technicians Guild, Problem solving, Rebuilding, Repair, Schröter, Shank-pulling Tip, Shanks, Silbermann, Socher, Strings spacing, The Holiday Spirit, The Introduction of Square Pianos, The Seventh Dragon by Anita T. Sullivan, The Technical Forum, Tools & Equipment, Tuning, Visitors, Watching Your Money and the News

January 1987
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Chapter News, Denver | |
| Happy Hew (sic) Year Everybody! | Hawkins, Marshall B. |
| My Record of 1967 | Pollard, Allan E. |
| Newsletter Committee Session Cooperation | Beaton, Dick |
| Part I: The Theoretical Soundboard | Gravagne, Nick |
| Slow Acceptance of Early Piano | Greenfield, Jack |
| Taxing Matters | Leary, Janet |
| The New Year - Growth | Eaton, Wendell E. |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| Tone Deaf And All Thumbs by Dr. Frank Wilson | Nelson, Lorelle |

## KEYWORDS:

Abrasives, Book Review, Buffing compound, Buffing wheel, Business, Chapter News, Denver, Dumb Sales Claims, Evaluation grand, Goals, Happy Hew (sic) Year Everybody!, History, Humidity, income, Itinerant Tuner, Key top cement, Key top scratches, keytops, My Record of 1967, Newsletter Committee Session Cooperation, Newsletters, P.T. Guild & Music Industry, Part I: The Theoretical Soundboard, Parts, personal, Piano early, Piano Technicians Guild, Rebuilding, Repair, Room humidifiers, Self Examination, Slow Acceptance of Early Piano, Soundboard, Stings bass dead, Tackle box for tools, Taxes, Taxing Matters, The New Year - Growth, The Technical Forum, Tone Deaf And All Thumbs by Dr. Frank Wilson, Tools & Equipment

February 1987
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Changing Downbearing, Grand Rebuilding | Krefting, Jack |
| Describing A Wire Splice | Hassig, Richard |
| Early French Piano Making | Greenfield, Jack |
| Foundation Helps Fund Music And Child Development | |
| Hammer Hanging Jig | Krefting, Jack |
| Johann Andreas Stein's Start | Greenfield, Jack |
| Music Appreciation In The Schools | Russell, Bob |
| Part II: The Physical Soundboard | Gravagne, Nick |
| Struggle, Change and Growth | Hawkins, Marshall B. |
| The Technical Forum | Krefting, Jack |

## KEYWORDS:

Action Parts, Business, Change and Growth, Changing Downbearing, Describing A Wire Splice, Downbearing, Dumb Sales Claims, Early French Piano Making, Flange guards, Foundation, Foundation Helps Fund Music And Child Development, Grand Rebuilding, Hammer hanging jig, History, Inverted mordents, Johann Andreas, Johann Andreas Stein's Start, Mozart, Music Appreciation In The Schools, Part II: The Physical Soundboard, Parts, Personal development, Piano building, Piano Technicians Guild, Public relations, Rebuilding, Repair, Soundboard, Stein, Struggle, Tear-down, The Technical Forum, Tools & Equipment, Wire splicing, Wolfgang Amadeus

March 1987
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| A Specific Soundboard | Gravagne, Nick |
| Chapter News, Cleveland | Leary, Janet |
| Chapter News, Indianapolis | Sloffer, P. |
| Chapter News, Nebraska | Minor, J. |
| Chapter News, Portland | Person, D. |
| Chapter News, Syracuse | Heikkinen, D. |
| Does Anyone Have A Better Mousetrap? | Hassig, Richard |
| Honoring Our Editors | Hawkins, Marshall B. |
| Self-Confidence and Professional Excellence | Easter, Rufus Jr. |
| Sharing Our Experiences Through Our Newsletters | Hawkins, Marshall B. |
| Stein Advancements In Piano Design | Greenfield, Jack |
| Table Of Frequencies | Baldassin, Rick L. |
| The Free Estimate | Jones, Henry L. |
| The Piano In The World Market | Odenheimer, Fred |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Minton, L. E. |
| The Technical Forum | Travis, Michael |
| Tuning Up | Baldassin, Rick L. |
| What is An Associate Member? | Berry, Ronald L. |
| What's New | Goldsmith, Larry |

## KEYWORDS:

A Specific Soundboard, Action, Action Parts, Bass strings, Beat rates, Bridge, bumping, Business, Chapter News, Charges For, Cleveland, Development & Success, Does Anyone Have A Better Mousetrap?, Drills for removing tuning pins, Dumb Sales Claims, Equal temperament, Estimates, Hammer iron, Hammers bass angle of, Hammers ironing, Health & Safety, History, Honoring Our Editors, Indianapolis, Johann Adreas Stein, Kapsel, Manufacturers, Membership Associate, NAMM report 87, Nebraska, Newsletters, P.T. Guild & Music Industry, Parts, Piano Technicians Guild, Pianos, Portland, Prellmechanic, Profession, Protecting your hearing, Rebuilding, Repair, Restringing, Self Examination, Self-Confidence and Professional Excellence, Sharing Our Experiences Through Our Newsletters, Soundboard, steel wound, Stein Advancements In Piano Design, Strings twisting bass, Syracuse, Table Of Frequencies, Temperament systems, The Free Estimate, The Piano In The World Market, The Technical Forum, Theft security, Tool case, Tools & Equipment, Tuning, Tuning time, Tuning Up Inharmonicity, Voicing, weight of hammers, What is An Associate Member?, What's New, World market

April 1987
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Friendships | Berry, Ronald L. |
| How Much Crown Should There Be? | Gravagne, Nick |
| Management And The Small Business | Leoy, J. |
| Market Forces At Work | Goldsmith, Larry |
| Small Pianos & Inharmonicity | Baldassin, Rick L. |
| Stein's Pianos and Mozart's Piano Composition | Greenfield, Jack |
| The NAMM Winter Market | Odenheimer, Fred |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |

## KEYWORDS:

Action Parts, Business, Dumb Sales Claims, Friendships, History, How Much Crown Should There Be?, Humidify, Inharmonicity, Johann Andreas, Key spacing, Lids vertical, Management, Management And The Small Business, Manufacturers, Market Forces At Work, Marketing, Membership, Mozart, NAMM, Parts, Piano early, Piano Technicians Guild, Plate screws into stretcher, Rebuilding, Regulating, Small Pianos & Inharmonicity, Soundboard bridge, Soundboard crown, Springs butterfly adjustment, Stein, Stein's Pianos and Mozart's Piano Composition, The NAMM Winter Market, The Technical Forum, Tuning, Wolfgang Amadeus

May 1987
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Chapter News | Hong, Yat-Lam |
| Chapter News, Central Illinois | Morris, Bob |
| Chapter News, D.C. | Floyd, E. |
| Chapter News, Dallas | Ello, M. |
| Chapter News, Houston | Lee, B. |
| Chapter News, Kansas City | Yockey, W. |
| Chapter News, Los Angeles | Woltz, R. |
| Chapter News, N.W. Arkansas | Campbell, D. |
| Chapter News, W. Michigan | Gagliardo, D. |
| East Meets West In Frankfurt, Toronto | Odenheimer, Fred |
| Measuring The Crown | Gravagne, Nick |
| Pushing Up The Iceberg | Hawkins, Marshall B. |
| Selling A Piano Service Business | Root, Carl |
| The Piano Replaces The Harpsichord in Vienna | Greenfield, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| Tuning Up | Baldassin, Rick L. |
| What's a Registered Tuner-Technician? | Berry, Ronald L. |

## KEYWORDS:

Action centers, Action centers testing tightness, Action Parts, Beat rates theoretical, Business, Central Illinois, Chapter News, Cheap pianos for students, coincident harmonics, Criticizing shoddy work, D.C., Dallas, Dumb Sales Claims, East Meets West In Frankfurt, Franz Josef, Haydn, History, Houston, International, Johann Andreas, Kansas City, Los Angeles, Measuring The Crown, Membership RTT, Mice, Moist wiping towels, Mozart, Music fair, N.W. Arkansas, Pest Control, Piano replaces harpsichord, Piano Technicians Guild, Pianos, Pins balance rail polishing, Printed sales literature, Public relations, Pushing Up The Iceberg, Rails action split, Rebuilding, Regulating, Repair, Selling A Piano Service Business, Soundboard crown, Soundboard press, Stein, Steinway 'O' vs 'L', The Piano Replaces The Harpsichord in Vienna, The Technical Forum, Tools & Equipment, Toronto, Touchweight, Tuning, Tuning Up, Value of piano service business, Vermin, W. Michigan, What's a Registered Tuner-Technician?, Wolfgang Amadeus

June 1987
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| An Encyclopedia of Tests For Equal Temperament | Kimbell, Michael A. |
| Chapter News, Chicago | Mott, B. |
| Chapter News, Cincinnati | McKlveen, Ben |
| Chapter News, Columbus | Harr, T. |
| Chapter News, Dallas | Connell, W. |
| Chapter News, Dallas | Tomko, T. |
| Chapter News, Los Angeles | Mehaffey, Francis |
| Chapter News, Reading-Lancaster | Bittinger, Jim |
| Chapter News, Twin Cities | Ashmore, Yvonne |
| Chapter News, Twin Cities | Mears, W. |
| Democracy In Action! | Berry, Ronald L. |
| Early Viennese Pianos | Greenfield, Jack |
| Early Viennese Pianos | Greenfield, Jack |
| Early Viennese Pianos | Greenfield, Jack |
| is Your Real Profit? | Leary, Janet |
| Remembering To Say Thanks | Goldsmith, Larry |
| Soundboard Thickness | Gravagne, Nick |
| The Group | Byrd, Donna |
| The Technical Forum | Hess, J. |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Reblitz, Arthur |
| Toronto In The Air | Hawkins, Marshall B. |
| Tuning Up | Baldassin, Rick L. |
| Tuning Up | Jorgensen, Owen |
| Tuning Up | Travis, Michael |
| Upright Damper Regulation, The Technical Forum | Grossman, Matthew R. |

## KEYWORDS:

Action Parts, Action regulating, Advertisement, An Encyclopedia of Tests For Equal Temperament, Anton, Axioms, Bartolomeo, Business, Chapter News, Chicago, Cincinnati, Columbus, Concert preparation, Convention attendance, Convention exhibits, Council, Cristofori, Dallas, Dampers vertical, Dampers vertical regulation, Democracy In Action!, Dumb Sales Claims, Early Viennese Pianos, Fees, French Repetition action, Friederici Gottlob, Hammer Filing, History, History Baumann Christian Schantz Johann Wenzel Spath Franz Jakob Musicians Pianists Composers Haydn Liszt Early Viennese Pianos, History Bumping Actions, Interval names, is Your Real Profit?, Johann Andreas, Joseph, Los Angeles, Miscellaneous, Mozart's piano, Octave tests, Operation aspects, Parts, parts, Piano Technicians Guild, Pianos, Planning, Plate welding, Playing the piano, Prellmechanik, Profile of That, Reading-Lancaster, Rebuilding, Regulating, Remembering To Say Thanks, Repair, Schoffstoss, Service, Shop, soundboard press, Soundboard Thickness, Stein, Strings knots, Tests, Tests aural, The Group, The Technical Forum, Toronto In The Air, Tuning, Tuning Up, Twin Cities, Upright Damper Regulation, Viennese, Voicing, Walter

July 1987
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Board Dynamics | Hawkins, Marshall B. |
| Grand Rebuilding | Krefting, Jack |
| News From JPTA | Odenheimer, Fred |
| The Inner Rim Meets The Soundboard | Gravagne, Nick |
| The Technical Forum | Blees, Willem |
| The Technical Forum | Fischer, B. |
| The Worst-Case Scenario: What If? | Lloyd, Stephen |
| What's A Piano For Anyway | Barr, David |
| Young Beethoven And Stein Pianos | Greenfield, Jack |

## KEYWORDS:

Beethoven, Board, Board Dynamics, Dumb Sales Claims, Grand Rebuilding, Harp (plate), History, Insurance, International, Johann Andreas, JPTA, Ludwig Van, Mozart, Nannette, News From JPTA, Organization of, Parts, Piano Technicians Guild, Pianos, Playing the piano, Rebuilding, Soundboard, Soundboard building, Streicher, The Inner Rim Meets The Soundboard, The Technical Forum, The Worst-Case Scenario: What If?, Tools & Equipment, What's A Piano For Anyway, Wolfgang Amadeus, Young Beethoven And Stein Pianos

August 1987
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| A Lesson | Odenheimer, Fred |
| About Nuts & Piano Service | Frederic, Joseph |
| An Encyclopedia of Tests For Equal Temperament | Kimbell, Michael A. |
| Romantic Or Transitional: Mid-19th Cent. Great Pianos | Egerton, C. |
| Stein's Pupils; The Pedal Piano | Greenfield, Jack |
| Storing Up Summer | Goldsmith, Larry |
| The Continuum Continues | Hawkins, Marshall B. |
| The Piano Industry And The Technician | Pearson, Walter |
| The Schudi Piano At The Smithsonian | |
| The Technical Forum | Krefting, Jack |
| Tuning Up | Anderson, J. |
| Tuning Up | Davenport, Richard |
| Tuning Up | DeRocher, J. |

## KEYWORDS:

A Lesson, About Nuts & Piano Service, An Encyclopedia of Tests For Equal Temperament, Bartolomeo, Cristofori, Equal temperament Inharmonic, Historical, History, Import/Export statistics, Johann Andreas, Liszt Piano Bilson, Malcolm, Manufacturers, Mid-19th Century Piano, NAMM report 87, P.T. Guild & Music Industry, Pedal piano, Piano Industry, Piano Technicians Guild, Pianos, Public relations, Romantic Or Transitional Great Pianos, Self Examination, Stability, Stein, Stein's Pupils; The Pedal Piano, Storing Up Summer, Summer, Technician, Tests, The Continuum Continues, The Piano Industry And The Technician, The Schudi Piano At The Smithsonian, The Technical Forum, Tuning, Tuning Up, Unisons

September 1987
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| A Pneumatic Soundboard Press | Krefting, Jack |
| An Encyclopedia of Tests for Equal Temperament | Kimbell, Michael A. |
| At The Close of The 181h Century | Greenfield, Jack |
| Exhibits | |
| Growing Stronger | Goldsmith, Larry |
| Promoting The Acoustic Piano | Wagoner, Gracie |
| Recognizing A Tradition of Service To The Guild | |
| The "Feeling" Was Discovered | Lillico, John |
| The Beginning Of A New Year | Berry, Ronald L. |
| The Importance Of Conventions | Odenheimer, Fred |
| The Inner Rim Connection | Gravagne, Nick |
| There Is No Substitute For Momentum | Hawkins, Marshall B. |
| Tuning Up (class review) | Baldassin, Rick L. |

## KEYWORDS:

A Pneumatic Soundboard Press, An Encyclopedia of Tests for Equal Temperament, At The Close of The 181h Century, Aural/electronic, Awards, Convention, Convention report 1987, Conventions, Exhibits, Future, Geer, Growing Stronger, History, International, Membership, Piano Industry, Piano Technicians Guild, portable, Promoting The Acoustic Piano, Rebuilding, Recognizing A Tradition of Service To The Guild, Soundboard, square, Tangent, Tests, tests, The "Feeling" Was Discovered, The Beginning Of A New Year, The Importance Of Conventions, The Inner Rim Connection, There Is No Substitute For Momentum, Tuning, Tuning Up (class review), vertical, Viennese piano building

October 1987
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| After The Convention | Odenheimer, Fred |
| An Encyclopedia of Tests For Equal Temperament | Kimbell, Michael A. |
| Do-It-Yourself Supplies | Jones, Edgar |
| Do-It-Yourself Supplies | Jones, Henry L. |
| Graham, Baldassin, Named To Journal Posts | |
| Nothing Is Forever | Goldsmith, Larry |
| Prevention and Treatment of Musculoskeletal Aches | Vance, Kathryn M. |
| The Effectiveness of A Humidity Control System | Mair, Robert W. |
| The First Pianos In Great Britain | Greenfield, Jack |
| The Personal Touch | Berry, Ronald L. |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| The Technical Forum | Krefting, Jack |
| Tuning Up | Baldassin, Rick L. |
| Tuning Up | Nicholson, K. |
| Two Half-Baked Ideas May Make One Good One | Hawkins, Marshall B. |

## KEYWORDS:

After The Convention, An Encyclopedia of Tests For Equal Temperament, Backers Americus, Baldassin, Beat rate program (TI-59), Broadwood, Burkat, Business, Change, Control, Do it yourself Technicians: Con, Do it yourself Technicians: Pro, Do-It-Yourself Supplies, early, frozen, Graham, Handel, Health & Safety, Herman, History, Humidity, IAPBT, International, Interval widths, Jacob, John, Kirkman, Membership, Named To Journal Posts, New Journal Writers, Nothing Is Forever, Participation, Parts, Physiology, Piano Technicians Guild, Pins tuning becket alignment, Prevention and Treatment of Musculoskeletal Aches, Progress, Rail balance shimming, Rebuilding, Regulating, Repair, Restringing becket alignment, Screws, Shudi, Soundboard, stretch calculator, Tabel, Technicians, Tests, The Effectiveness of A Humidity Control System, The First Pianos In Great Britain, The Personal Touch, The Technical Forum, Tuning, Tuning Up, Two Half-Baked Ideas May Make One Good One, Zumpe

November 1987
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| An Organization of the Like-Minded | Berry, Ronald L. |
| Credit Card Total Cost | Jones, Henry L. |
| Elements of Quality Soundboard Construction | Gravagne, Nick |
| Piano Curve Identity Revealed | Baldassin, Rick L. |
| Planning Keeps Momentum High | Hawkins, Marshall B. |
| The N.Y. Paramount Theatre Piano | Huether, Charles P. |
| The Technical Forum | Krefting, Jack |
| Tuning Up | Baldassin, Rick L. |
| Tuning Up | Baldassin, Rick L. |
| Wins Acceptance Quickly in London | Greenfield, Jack |

## KEYWORDS:

An Organization of the Like-Minded, Beat rates, Bridge new, Business, Convention, Credit Card Total Cost, Credit cards, Elements of Quality Soundboard Construction, Historical, History, Inharmonicity, Membership, Piano Curve Identity Revealed, Piano square, Piano Technicians Guild, Pianos, Planning Keeps Momentum High, Rebuilding, Soundboard, stretch calculator, The N.Y. Paramount Theatre Piano, The Technical Forum, Tuning, Tuning Up, Two pianos together, Wins Acceptance Quickly in London

December 1987
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Articles

| TITLE | AUTHOR |
|---|---|
| A New Era For The Journal | Goldsmith, Larry |
| Broadwood Succeeds Shudi | Greenfield, Jack |
| Fitting The Soundboard | Gravagne, Nick |
| Helping People New To The Guild | Berry, Ronald L. |
| Newsletters-Binding Us Together | Beaton, Dick |
| Organizing a Piano Service Business | Barr, David |
| The Equal Beating Theorem | Wathen, Michael J. |
| The Passing Of Bill Kimball | Odenheimer, Fred |
| The Technical Forum | Graham, Susan |
| The Technical Forum | Graham, Susan |
| The Technical Forum | Graham, Susan |
| Tuning Up | Baldassin, Rick L. |
| Yamaha Marks 100 Years | Odenheimer, Fred |

## KEYWORDS:

A New Era For The Journal, Acoustics, Action Parts, Actions, Americus, Backcheck buckskin, Backers, Broadwood Succeeds Shudi, Burkat, Business, Clamp key, electronic stretch number, Fitting The Soundboard, Helping People New To The Guild, History, Intervals just, Jacob, Johann Christoph, John, John Joseph, Journal, Just intervals, Key, Key end felt, Key End Felt, Kimball, Kirkman, Manufacturers, Membership, Merlin, Newsletters, Newsletters-Binding Us Together, Organization, Organizing a Piano Service Business, Parts, Piano Technicians Guild, Rebuilding, Repair, repair, replacement, Robert, Soundboard, Stodart, string harmonics, String Harmonics, The Equal Beating Theorem, The Passing Of Bill Kimball, The Technical Forum, Theory, Tools & Equipment, Tuning, tuning major thirds, Tuning Up, Yamaha, Yamaha Marks 100 Years, Zumpe

January 1988
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Articles

| TITLE | AUTHOR |
|---|---|
| Are You Tired Of Playing Games? | Jones, Henry L. |
| Challenges: A Chance To Grow | Berry, Ronald L. |
| Course Corrections | Hawkins, Marshall B. |
| Installation Of Backchecks | Graham, Susan |
| Installing The Soundboard | Gravagne, Nick |
| Iron and Brass Music Wire | Swenson, Edward |
| It's That Time Of Year! | Goldsmith, Larry |
| Keyboard Makers | Swenson, Edward |
| Let's Use the Logo! | Blees, Willem |
| Parts, Felt, Tools, Supplies | Swenson, Edward |
| Piano Virtuosos and Development: Late 18th Cent. | Greenfield, Jack |
| Restoring Antique Pianos: Part I | Swenson, Edward |
| Thoughts On The Industry | Odenheimer, Fred |
| Too-Heavy Touch | Tocquigny, Michael |
| Tuning Up | Baldassin, Rick L. |
| Useful Books | Swenson, Edward |

## KEYWORDS:

Action Parts, Antiques, Are You Tired Of Playing Games?, Backchecks, Beats,, Business, Challenges: A Chance To Grow, Computers, Course Corrections, Dussak, Electronic, Felt, Go bars  Climate control Adhesives, History, Installation Of Backchecks, Introduction and Sources, Iron and Brass Music Wire, It's That Time Of Year!, Jan Ladislav, Keyboard Makers, Let's Use the Logo!, Logo, Membership, Parts, Parts supplies, Piano Technicians Guild, Piano Virtuosos and Development: Late 18th Cent., Pianos, Planning goals, Rebuilding, Regulating, Resolutions, Restoration, Restoring Antique Pianos: Part I, Soundboard installation, Supplies, Tests, Thoughts On The Industry, Too-Heavy Touch, Tools, Tools & Equipment, Touchweight, Tuning, Tuning Up Acoustics, Useful Books

February 1988
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Articles

| TITLE | AUTHOR |
|---|---|
| Appraising Pianos Using Real Estate Techniques | Blumenthal, Fred |
| Beats And Cent, Two Tuning Systems | Baldassin, Rick L. |
| Burning Shanks? | Vagias, Ernest |
| Cleaning And Lubricating A Grand Action | Graham, Susan |
| Concerts Promote Piano In Great Britain | Greenfield, Jack |
| Conversations: Never Miss An Opportunity | Hawkins, Marshall B. |
| Downbearing: An Introduction | Gravagne, Nick |
| Getting Organized | Goldsmith, Larry |
| Notes From Europe | Odenheimer, Fred |
| Sensitizing The Tuner - Technician | Heischober, Norman |

## KEYWORDS:

Action Parts, Appraisals, Appraising Pianos Using Real Estate Techniques, Beats And Cent, bending, Burning Shanks?, Business, Cleaning And Lubricating A Grand Action, Composers, Concerts, Concerts early, Concerts Promote Piano In Great Britain, Conversations: Never Miss An Opportunity, Customer Relations, DAG colloidal graphite) TFL 50 Teflon spray Action Parts, Downbearing, Downbearing: An Introduction, Getting Organized, History, Industry, International, Lubricants Cleaners Action, Musicians, Notes From Europe, Organization, Pianists, Piano square construction, Promotion, Rebuilding, Regulating, Repair, Sensitizing The Tuner - Technician, Shanks, Shanks bending, Temperament systems, Tuning, Two Tuning Systems

March 1988
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Articles

| TITLE | AUTHOR |
|---|---|
| Antique Restoration | Swenson, Edward |
| Basic Accounting | Leary, Janet |
| Be a 'Friend': Support IAPBT | Odenheimer, Fred |
| Benefits of Membership | Berry, Ronald L. |
| Force Equals Tension Times What? | Gravagne, Nick |
| Getting The Word Out | Goldsmith, Larry |
| Membership-Whose Responsibility? | Sloane, S. |
| Memories Of Heifetz | Neblett, Norman |
| Restoring Antique Pianos: Part II | Swenson, Edward |
| Staying Plugged In | Hawkins, Marshall B. |
| The Technical Forum | Graham, Susan |
| Tuning Up | Baldassin, Rick L. |
| Two Piano Tuners by M. B. Goffstein | Wathen, E. |
| Without Vision There Is No Future | Hawkins, Marshall B. |

## KEYWORDS:

Accounting, Accu-Tuner filter output, Advertising, Antique pianos, Antique Restoration, Antiques, Basic Accounting, Be a 'Friend': Support IAPBT, Benefits of Membership, Book Review, Bosendorfer fortepiano, Business, Chapter meetings, Composers, Documentation, Down-bearing, experiences, Force Equals Tension Times What?, Getting The Word Out, Heifetz, IAPBT, International, Manufacturers, Member-ship, Membership-Whose Responsibility?, Memories Of Heifetz, Musicians, NAMM report 88, octave size: A5A4, Pianists, Piano Technicians Guild, Pianos, pitch setting A4, pitch source reliability, Public relations, Rebuilding, Restoration, Restoring Antique Pianos: Part II, Staying Plugged In, Technicians, The Technical Forum, Tuning, Tuning Up, Two Piano Tuners by M. B. Goffstein, Vision, Without Vision There Is No Future

April 1988
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Articles

| TITLE | AUTHOR |
|---|---|
| "Picasso" Tuners | Baldassin, Rick L. |
| Action Centers | Graham, Susan |
| Categories of Membership | Berry, Ronald L. |
| Downbearing: A Link in the Energy Chain | Gravagne, Nick |
| Getting Started | Root, Carl |
| Heifetz and Ping Pong | Neblett, Norman |
| Letter to Tuning Editor | Tremper, Fred W. |
| Practice Makes Permanent | Hawkins, Marshall B. |
| Public Goodwill | Goldsmith, Larry |
| The Technical Forum | Graham, Susan |
| Zumpe's Second Action | Greenfield, Jack |

## KEYWORDS:

"Picasso" Tuners, Action Centers, Action centers, Action Parts, Actions, Business, Categories of Membership, Composers, Downbearing, Downbearing: A Link in the Energy Chain, experiences, Getting Started, Heifetz, Heifetz and Ping Pong, History, Johann, John Geib, Letter to Tuning Editor, Lubricants and Cleaners, Membership, Musicians, Pianists, Piano Technicians Guild, Planning, Practice Makes Permanent, Public Goodwill, Public relations, Rebuilding, Silicone oil, Starting a business, Stretch how much?, Technicians, The Technical Forum, Tuning, Zumpe, Zumpe's Second Action

May 1988
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Articles

| TITLE | AUTHOR |
|---|---|
| Downbearing: Finding Dimension V | Gravagne, Nick |
| Heifetz And Air Conditioning | Neblett, Norman |
| How Can A Piano Technician Use A Computer | Berry, Ronald L. |
| Interval Widths | Baldassin, Rick L. |
| PTG - What Direction Are We Going? | Berry, Ronald L. |
| Repinning | Graham, Susan |
| Restoring Antique Pianos: Part III | Swenson, Edward |
| The Press Release | Goldsmith, Larry |
| Words Of Wisdom | Hawkins, Martin |

## KEYWORDS:

Antiques, Business, Cleaning, Composers, Computers, Customer Relations, Downbearing, Downbearing: Finding Dimension V, experiences, Heifetz, Heifetz And Air Conditioning, How Can A Piano Technician Use A Computer, Interval Widths, Interval widths, Membership, Musicians, Pianists, Piano Technicians Guild, PTG - What Direction Are We Going?, Public relations, Rebuilding, Repinning, Restoration, Restoring Antique Pianos: Part III, Spoonbit reamers, Technicians, The Press Release, Tools & Equipment, Tuning, Words Of Wisdom

June 1988
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Americans And The Arts | Goldsmith, Larry |
| Front and Rear Bearings | Gravagne, Nick |
| Hardware | Berry, Ronald L. |
| Money And Its Real Value | Leary, Janet |
| Piano Virtuosos and Development: Late 18th Cent | Greenfield, Jack |
| Rebushing | Graham, Susan |
| Re-scaling The 1905 Steinway Upright | Brown, Richard M. |
| Setting The Temperament | Baldassin, Rick L. |
| The Technical Forum | Graham, Susan |
| UpGrading to RTT | Berry, Ronald L. |
| When the Heat is On | Baldassin, Rick L. |

## KEYWORDS:

Action centers, Action Parts, Americans And The Arts, Broadwood, Bushing cloth, Business, Clementi, Computers, Customers, Damper lift timing, Downbearing, Franz Josef, Front and Rear Bearings, Hardware, Haydn, History, John, Key height, leisure time, Membership, Money, Money And Its Real Value, Muzio, Parts, Piano development, Piano Technicians Guild, Piano Virtuosos and Development: Late 18th Cent, Rebuilding, Rebushing, Regulating, Repair, Re-scaling, Re-scaling The 1905 Steinway Upright, Setting The Temperament, Strings metric vs. American, Strings tying, Temperament, The Technical Forum, Tuning, UpGrading to RTT, When the Heat is On

July 1988
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Cleaning And Lubricants, Part II | Graham, Susan |
| Cleaning And Lubricants, Part II | Graham, Susan |
| Early Production of Upright Pianos in England | Greenfield, Jack |
| Early Production of Upright Pianos in England | Greenfield, Jack |
| Encouraging Associate Members to Upgrade | Berry, Ronald L. |
| Formulas For Inharmonicity | Baldassin, Rick L. |
| Front and Rear Bearings | Gravagne, Nick |
| Heavy Parts | Graham, Susan |
| Joining Hands To Do The Things You Can't Do Alone | Goldsmith, Larry |
| Tech Ed Advocates Vice | Graham, Susan |
| The Highest Possible Service Standards | Hawkins, Marshall B. |
| Word processor | Berry, Ronald L. |

## KEYWORDS:

Action centers, Action Parts, Business, Cleaning And Lubricants, Computers, Downbearing, Dry-Lube, Early Production of Upright Pianos in England, Encouraging Associate Members to Upgrade, Formulas For Inharmonicity, Front and Rear Bearings, gauge, Hawkins, Heavy Parts, History, Inharmonicity, John, John Isaac, Joining Hands To Do The Things You Can't Do Alone, Landreth, Lubricants and Cleaners, McLube/MoS2, Membership, Part II, Piano soundboard, Piano Technicians Guild, Public relations, Purpose, Rebuilding, Regulating, Re-news-it, Repair, Repetition spring groove, Soapstone, Southwell, Tech Ed Advocates Vice, TFL 50 Slipspray, The Highest Possible Service Standards, Tools & Equipment, Tuning, Verdigris, VJ lube, Weight, Weight action parts, William, Word processor

August 1988
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| An Introduction | Berry, Ronald L. |
| Bearing on The Bass Bridge | Gravagne, Nick |
| Beats: What They Are And Where They Came From | Berry, Ronald L. |
| Honoring Those Who Built Our Profession | |
| Key Bushing | Spurlock, Bill & Henry, Fern L. |
| Key Rebushing | Henry, Fern |
| Our Proudest Moment | Goldsmith, Larry |
| Passing the Tuning Test | Coleman, James W. |
| Pianos and People | Perkins, Stuart |
| Restoring Antique Pianos: Part IV | Swenson, Edward |
| Selling Piano Services, Pianos, Playing | Barr, David |
| Spread Sheets | Berry, Ronald L. |
| The Technical Forum | Graham, Susan |
| The Tuning Touch | Smith, Virgil E. |
| Tuning Up | Baldassin, Rick L. |

## KEYWORDS:

Acoustics, Action centers cleaning, Action Parts, An Introduction, Antiques, Awards, Bearing on the Bass Bridge, Bearing on The Bass Bridge, Beats, Beats affected by touch, Beats: What They Are And Where They Came From, Bridge bass downbearing, Business, Cauls, Computers, Direct interval system, Downbearing, Exam, Glue pot, Honoring Those Who Built Our Profession, Key Bushing, Key clamp, Key Pins, Key Rebushing, Key rebushing, Motivation, octave tempering, Our Proudest Moment, P.T. Guild & Music Industry, Parts, Passing the Tuning Test, Piano Technicians Guild, Pianos, Pianos and People, Playing, President, Promotion, Rebuilding, Restoration, Restoring Antique Pianos: Part IV, Self Examination, Selling Piano Services, Spread Sheets, Strings looped, Strings loops, temperament, The Technical Forum, The Tuning Touch, Tools & Equipment, Tuning, Tuning Up, Woodworking techniques

September 1988
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| A Master Class In Temperament (Class Review) | Baldassin, Rick L. |
| Aural Fine Tuning For Electronic Tuners (Class. Rev.) | Baldassin, Rick L. |
| Beginners and Brothers | Kiel, Mitch |
| Equal Temperament Stegman, W (Class Review) | Baldassin, Rick L. |
| Industry News | Graham, Susan |
| International Activities | Huether, Charles P. |
| Learning To Listen (Class Review) | Baldassin, Rick L. |
| Paris Becomes A Piano-Making Center | Greenfield, Jack |
| Pitch-Raising - Stone, S. (Class Review) | Baldassin, Rick L. |
| Please Speak Up - I Can't Hear You (Class Review) | Baldassin, Rick L. |
| Practical Touch-up & Case Repair (Class Review) | Brooks, Vivian |
| Priorities | Berry, Ronald L. |
| So You Want To Be A Concert Tuner (Class Rev.) | Baldassin, Rick L. |
| Tempering The Untemperable (Class Review) | Baldassin, Rick L. |
| Tempering The Untemperable (Class Review) | Kimbell, Michael A. |
| The Disklavier And MIDI Grand | Powell, Teri |
| The Method (Class Review) | Kiel, Mitch |
| The Technical Forum | Kiel, Mitch |
| Tone & Friction - Fact & Fiction (Class Review | Travis, Michael |
| Welcome to the Laboratory (Class Review) | |
| Welcome to The Laboratory (Class Review) | Kiel, Mitch |

## KEYWORDS:

A Master Class In Temperament (Class Review), Acoustics, Action centers, Action Parts, alcohol torch, Aural Fine Tuning For Electronic Tuners (Cl. Rev.), Beginners and Brothers, Burn-in knife, Business, case French polishing, Computer Programs, Concert, Dampers, Dampers vertical installation, Disklavier, Electronic, Electronics, Equal temperament, Equal Temperament Stegman, Health & Safety, Hearing loss, History, IAPBT, Industry News, Inharmonicity, International, International Activities, Learning To Listen (Class Review), Lubricants and Cleaners, Manufacturers, McLube 1725, Membership, NAMM report 88, Paris Becomes A Piano-Making Center, Parts, parts, Piano Technicians Guild, Pitch raising, Pitch-Raising - Stone, Please Speak Up - I Can't Hear You (Class Review), Practical Touch-up & Case Repair (Class Review), Priorities, S. (Class Review), So You Want To Be A Concert Tuner (Class Rev.), Spectrum analyzer, Temperament, Tempering The Untemperable (Class Review), The Disklavier And MIDI Grand, The Method (Class Review), The Technical Forum, Tone, Tone & Friction - Fact & Fiction (Class Review, Tools & Equipment, touch-up, Tuning, Voicing, W (Class Review), Welcome to The Laboratory (Class Review), Welcome to the Laboratory (Class Review)

October 1988
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Accu-Tuner Filter Output | Baldassin, Rick L. |
| Basic Piano Tuning - Defebaugh, G. | Baldassin, Rick L. |
| Cheaper By Me Dozen | Root, Carl |
| Encouraging The Public To Play The Piano | Berry, Ronald L. |
| Letters - We Get Letters | Goldsmith, Larry |
| Listening With Your Accu-Tuner - Coleman, J. | Baldassin, Rick L. |
| Optimum Sixth of A5 - A4 Octave | Baldassin, Rick L. |
| Pitch Raising - Brown, R. | Baldassin, Rick L. |
| Report From Britain | Huether, Charles P. |
| The "Tap-Test" Or If Your Soundboard Talks | Gravagne, Nick |
| The Battle Between Two Early Piano Builders | Swenson, Edward |
| The Data Base | Berry, Ronald L. |
| There's A Hole In The Bottom Of The Key | Graham, Susan |

## KEYWORDS:

Accu-Tuner Filter Output, Action Parts, Balance rail hole, Basic Piano Tuning - Defebaugh, bulk, Business, Cheaper By Me Dozen, Computers, Customer Relations, Electronic, Encouraging The Public To Play The Piano, G., History, IMIT, Institute class review 88, International, J., Journal, Letters - We Get Letters, Listening With Your Accu-Tuner - Coleman, Octave size: A5-A4, Optimum Sixth of A5 - A4 Octave, Parts, Piano early, Piano Technicians Guild, Pitch Raising - Brown, Pliers becket, Purchasing, R., Report From Britain, Soundboard, The "Tap-Test" Or If Your Soundboard Talks, The Battle Between Two Early Piano Builders, The Data Base, There's A Hole In The Bottom Of The Key, Tools & Equipment, Tuning, Wippen support block

November 1988
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Associations And Their Publications | Goldsmith, Larry |
| Bearing On The Old Soundboard | Gravagne, Nick |
| Grand Leg and Lyre Repair | Graham, Susan |
| Is There Another Way? | Graham, Susan |
| No Complaints | Burton, James H. |
| Piano Appraisals: The Case For Compromise | Brady, Steve |
| Polishing & Tarnish-free | Graham, Susan |
| Promoting The RTT | Berry, Ronald L. |
| Set Up | Berry, Ronald L. |
| The Introduction Of The Pianoforte In The U. S. | Greenfield, Jack |

## KEYWORDS:

Action centers, Action Parts, Appraisals, Associations And Their Publications, Bearing On The Old Soundboard, Brass, Business, Computers, Grand Leg and Lyre Repair, History, Is There Another Way?, Journal, Leg grand, Lubricants and Cleaners, Lyre, Membership, No Complaints, P.T. Guild & Music Industry, Parts, Piano Appraisals: The Case For Compromise, Piano early, Piano Technicians Guild, Polishing & Tarnish-free, Promoting The RTT, Rebuilding, Renews-it, Repair, Self Examination, Set Up, Soundboard, The Introduction Of The Pianoforte In The U. S., Tool case/jack support, Tools & Equipment

December 1988
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| "Blind" Pinblock Screws | Cook, C. |
| Differences Between Grand And Vertical Actions | Fandrich, Darrell / Trivelar, C |
| EMC And Soundboards | Gravagne, Nick |
| Inharmonicity And Inharmonicity Formulas | Baldassin, Rick L. |
| Is There Another Way? | Casdorf, D. |
| No Second Chance | Reed, F. |
| Repairing A Broken Leg Plate | Graham, Susan |
| The Piano Business During The Month of Dec. | Berry, Ronald L. |
| The Technical Forum | Waltrip, B. |
| Tuning By Flame | Neblett, Norman |
| Understanding The Economics Of Your Marketplace | Leary, Janet |

## KEYWORDS:

"Blind" Pinblock Screws, Acoustics, Action centers testing scale (tool), Action Parts, Broaches center pin, Business, Customer Relations, December, Differences Between Grand And Vertical Actions, Differences: grand & vertical, Economics, EMC And Soundboards, experiences, Inharmonicity, Inharmonicity And Inharmonicity Formulas, Is There Another Way?, Leg plate, No Second Chance, Parts, Pinblock screws hidden, Rebuilding, Regulating, Repair, Repairing A Broken Leg Plate, Repetition lever, Soundboard moisture, Spring damper tension, Springs damper tension, Technicians, The Piano Business During The Month of Dec., The Technical Forum, Tools & Equipment, tuning, Tuning By Flame, Understanding The Economics Of Your Marketplace

January 1989
CD# 2
Articles

| TITLE | AUTHOR |
| --- | --- |
| Membership | Zeringue, Nolan P. |

**KEYWORDS:**
Membership, Piano Technicians Guild

February 1989
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Are There Other Ways to Do This? | Barr, David |
| Plate Suspension: Another Look | Gravagne, Nick |
| Restoring Antique Pianos | Swenson, Edward |
| Some Thoughts on Unstable Tuning | Bowman, Daniel |
| The Fandrich Vertical Action | Fandrich, Darrell / Trivelas, C |
| The Technical Forum | Graham, Susan |
| Tuning Up | Hoffsommer, C. |
| Vertical Shank Replacement | Henry, Fern |
| What Is The Home Office? | Berry, Ronald L. |

## KEYWORDS:

Actions, Antique restoration, Are There Other Ways to Do This?, Business, Carpal tunnel, Health & Safety, Home Office, Income, New Vertical Action, Pedals lyre, Piano Technicians Guild, Pianos, Plate, Plate Suspension: Another Look, Rebuilding, Repair, Restoring Antique Pianos, Restringing, Shanks vertical, Some Thoughts on Unstable Tuning, Stability, The Fandrich Vertical Action, The Technical Forum, Tuning, Tuning Up, Vertical Shank Replacement, What Is The Home Office?

March 1989
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| A Concert Pianist's Point of View | Baldassin, Rick L. |
| Locked In | Neblett, Norman |
| Meeting the Customer | Zeringue, Nolan P. |
| Setting Up The PTG Technical Exam | Spurlock, Bill |
| String Repairs In The Field | Spurlock, Bill & Henry, Fern L. |
| The First Century of the Piano | Greenfield, Jack |
| The Future of Pianos | Berry, Ronald L. |
| The Low-Tech EMC Gauge | Gravagne, Nick |
| The Technical Forum | Anderson, R. |
| The Technical Forum | Funk, F. |
| The Technical Forum | Graham, Susan |
| The Technical Forum | Graham, Susan |
| The Technical Forum | Janes, Robert L. |
| The Technical Forum | Sadigursky, I. |
| Tuning Up | Anderson, R. |
| Tuning Up | Baldassin, Rick L. |
| What Do We Do Here? | Goldsmith, Larry |
| What Kind of Work Do You Do? | Root, Carl |
| Why Pianos Go Out Of Tune (Faster Than They...) | Juhn, Ernie |

## KEYWORDS:

A Concert Pianist's Point of View, A or C fork, Agraffe, Agraffes, Beat locator, Beats, Business, Chronology, Composers, Concert pianists, constant, Customer Relations, Equipment, Examiners, Exams, experiences, grand, History, Home Office, in bass strings, Income, Legs piano, Locked In, Manufacturers, Meeting the Customer, Moisture gauge, Musicians, NAMM report, Parts, parts, Pedals, Pianists, piano history, Piano Industry, Piano Technicians Guild, Pianos, Regulating, Repair, Setting Up The PTG Technical Exam, Stability, stability, stretch calculator, String Repairs In The Field, Strings, Strings cover for, Technicians, temperament, The First Century of the Piano, The Future of Pianos, The Low-Tech EMC Gauge, The Technical Forum, Tools & Equipment, treble, Tuning, Tuning Up, What Do We Do Here?, What Kind of Work Do You Do?, Why Pianos Go Out Of Tune (Faster Than They...)

April 1989
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| close-up photo | Gravagne, Nick |
| History of Musical Pitch in Tuning the Pianoforte | Swenson, Edward |
| Lowering the Plate, Part I | Gravagne, Nick |
| String Repairs In The Field Part II | Spurlock, Bill & Henry, Fern L. |
| String Repairs In The Field, Part II | Spurlock, Bill |
| The Human Computer | Pollard, Allan E. |
| The Importance Of Membership | Goldsmith, Larry |
| The Pedalbox and Trapwork | Graham, Susan |
| The Super-Temperament and Tuning | Fairchild, Steve |
| The Technical Forum | Magnusson, W. |
| The Technical Forum | Spurlock, Bill |
| The Technical Forum | Waltrip, B. |
| The World Community of Piano Technicians | Berry, Ronald L. |
| Tuning Up | Baldassin, Rick L. |
| Tuning Up | Neblett, Norman |
| Your Labor - A Business Expense | Root, Carl |

## KEYWORDS:

Action Parts, Business, close-up photo, Eye Protection, Fire extinguishers, Flexible air nozzle, Health & Safety, History, History of Musical Pitch in Tuning the Pianoforte, Income, International, ivory, Key top ivory, Keytops, Lowering the Plate, Lubricants and Cleaners, Membership, P.T. Guild & Music Industry, Part I, Part II, Parts, Pedals, Piano Technicians Guild, Pitch, Plate lowering, Rebuilding, Repair, Self Examination, Stability, Stretch Calculator, String Repairs In The Field, String Repairs In The Field Part II, Strings, Strings broken, Strings knots, Technicians, The Human Computer, The Importance Of Membership, The Pedalbox and Trapwork, The Super-Temperament and Tuning, The Technical Forum, The World Community of Piano Technicians, Theory, Tools & Equipment, Tuning, Tuning fork, Tuning Up, VJ lube, Your Labor - A Business Expense

May 1989
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Common Key Repairs | Henry, Fern |
| Conversations... Garrick Ohlsson | Baldassin, Rick L. |
| Grand Pedal Regulation | Graham, Susan |
| How The Science Of Musical Sound Began | Greenfield, Jack |
| Plate Lowering: Part Two | Gravagne, Nick |
| Program Your Computer | Pollard, Allan E. |
| Shop-Built Moisture Meter | Liftig, R. |
| Tax Topics | Leary, Janet |
| Ten Clues to New Ideas | |
| The Super-Temperament and Tuning, Part II | Fairchild, Steve |
| Your Rights and Responsibilities | Berry, Ronald L. |

## KEYWORDS:

Acoustics, Action Parts, Bushings key, Business, Capstans, Common Key Repairs, Composers, Concert pianists, Conversations... Garrick Ohlsson, Council, Grand Pedal Regulation, History, How The Science Of Musical Sound Began, Key bushings, Key button, Moisture gauge, Musicians, P.T. Guild & Music Industry, Part II, Parts, Pedals grand regulation, Pianists, Piano Technicians Guild, Plate lowering, Plate Lowering: Part Two, Program Your Computer, Ptolemy, Pythagoras, Rebuilding, Repair, Self Examination, Shop-Built Moisture Meter, Tax Topics, Taxes, Ten Clues to New Ideas, The Super-Temperament and Tuning, Theory, Tools & Equipment, Tuning, Your Rights and Responsibilities

June 1989
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Efficient Piano Tuning, Part I | Huether, Charles P. |
| Hammer Flange Pinning & Touchweight | Baldassin, Rick L. |
| Hammer Flange Pinning & Touchweight | Rice, Paul |
| Posey Sounds Off | Fisher, Jim |
| Raising Pitch | Baldassin, Rick L. |
| Setting the Plate on The Dowels | Gravagne, Nick |
| The Piano Book by Larry Fine | Campi, Michael |
| The Technical Forum | Graham, Susan |
| Touchweight | Tremper, Fred W. |
| Wool Cloth Bushings | Spurlock, Bill |

## KEYWORDS:

Action centers, Action centers repining, Action Parts, Actions centers repining, Book Review, Bushings damper rod, Business, Customer Relations, damper guide rail, damper rod, easing, Efficient Piano Tuning, Felts wools, glue for, Hammer Flange Pinning & Touchweight, Manufacturers, Materials, Part I, Parts, Pitch raising, Plate repositioning, Posey Sounds Off, Raising Pitch, Rebuilding, Regulating, Repair, Setting the Plate on The Dowels, Soundboard, The Piano Book by Larry Fine, The Technical Forum, Theory, Touchweight, Touch-weight, Tuning, Wood, Wool Cloth Bushings

July 1989
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Aural Verification | Berry, Ronald L. |
| Bearing, Bridges and Bonanno | Gravagne, Nick |
| Capstan Regulating Pliers to Remove Elbows | Seitz, Al |
| Efficient Tuning, Part II | Huether, Charles P. |
| Key Leading | Graham, Susan |
| More On Tuning Instability | Juhn, Ernie |
| Removing Plastic Elbows | Seitz, Al |
| Restoring Antique Pianos | Swenson, Edward |
| Self-Esteem And The Piano Tuner | Barr, David |
| Shank Knurling | Black, G. |
| Springs in Vertical Actions | Henry, Fern |
| Stretch Calculations | Berry, Ronald L. |
| The Journal | Goldsmith, Larry |
| The Official PTG Rebuilding Contract | Root, Carl |
| The Piano Technicians Guild Foundation | Berry, Ronald L. |
| Tuning Up | Baldassin, Rick L. |
| What's a Diagonal Bar? | Kean, Kerry |
| Wire Mute to Insert Strip Mute | Fritz, L. |

## KEYWORDS:

Action Parts, Attitudes, Aural Verification, bass, Bearing, Bridges and Bonanno, Business, Capstan Regulating Pliers to Remove Elbows, Contracts, Cord, Cord spring, damper, Downbearing, Efficient Tuning, Elbow remover, Elbows, Elbows removing, Electronic, Foundation, Inharmonicity, Journal, Key Lead, Key Leading, Key leading, Leather, Materials, More On Tuning Instability, Mutes, octaves, Part II, Parts, Piano Technicians Guild, Pins tuning, Pitch, Plate diagonal bar, Rail butt spring, Rebuilding, removing, Removing Plastic Elbows, Repair, repair, Restoring Antique Pianos, Screw holder, Self-Esteem And The Piano Tuner, Shank Knurling, Shanks knurling, Springs in Vertical Actions, Springs vertical, Stability, Stings bass, Stretch Calculations, Technicians, The Journal, The Official PTG Rebuilding Contract, The Piano Technicians Guild Foundation, Tools & Equipment, Tuning, Tuning Up, What's a Diagonal Bar?, Wire Mute to Insert Strip Mute

August 1989
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Articles

| TITLE | AUTHOR |
|---|---|
| Before the Concert with Jeffrey Kehane | Baldassin, Rick L. |
| Cristofori's Pocket Money | Brady, Steve |
| Efficient Tuning, Part III | Huether, Charles P. |
| New Soundboard Old Bridge, Part I | Gravagne, Nick |
| Pulling Piano Actions | Henry, Fern |
| Renaissance Music Science: Merrenne's | Greenfield, Jack |
| The Bird | Neblett, Norman |
| The IAPBT Convention | Huether, Charles P. |
| The Technical Forum | Bayley, R. |
| The Technical Forum | Buyce, Harold R. |
| The Technical Forum | Cole, T. |
| The Technical Forum | Gallaway, K. |
| Troubleshooting Noises | De Tar, Brian |
| Tuning Up | Gorgas, D. |

## KEYWORDS:

Acoustics, Actions, adhesives, Before the Concert with Jeffrey Kehane, bridge repair, Bushings tuning pin, Business, Composers, Concert pianists, Construction unusual, Cristofori's Pocket Money, Efficient, Efficient Tuning, epoxy applicator bridge pins, experiences, Galileli, Gioseffo, History, IAPBT, Income, International, Jack-in-a-box, Marin, Mersenne, Musicians, New Soundboard Old Bridge, Noises, Part I, Part III, Parts, Pianists, Pianos, Pulling Piano Actions, Rebuilding, Removing, Renaissance Music Science: Merrenne's, Soundboard bridge, Stability, String calculations, Technicians, The Bird, The IAPBT Convention, The Technical Forum, Theory, Tools & Equipment, Trouble-shooting chart, Troubleshooting Noises, Tuning, Tuning Up, Vincenzio, Zarlina

September 1989
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Articles

| TITLE | AUTHOR |
|---|---|
| 1989 Exhibits and Exhibitors | |
| 1989 PTG Awards | |
| A Brief History of the PTG Tuning Test | Coleman, James W. |
| A Master Class in Temperament Tuning | Baldassin, Rick L. |
| Aural Fine Tuning for Electronic Tuners | Briant, Peter |
| Basic Aural Tuning | Coleman, James W. |
| College & University Technicians Seminar | Hudak, Greg |
| Grand Piano Remanufacturing | Gravagne, Nick |
| Grand Piano Remanufacturing (class review) | Gravagne, Nick |
| How Good is Your Health Insurance? | Lean |
| How Good is Your Health Insurance? | Leary, Janet |
| How Important Are Aural Skills for The RTT? | Berry, Ronald L. |
| Impressions From Portland | Gravagne, Nick |
| Introduction of Equal Temperament | Greenfield, Jack |
| Is There A Better Way? | Carey, M. |
| Is There A Better Way? | Eschete, K. |
| Is There A Better Way? | Magnusson, W. |
| Nickel and Dime Quality Tools | Rice, Paul |
| Piano Parity (class review) | Kiel, Mitch |
| Pianos: A Moving Experience | Rice, Paul |
| Spielart | Kiel, Mitch |
| Tuning The Historical Temperaments by Ear | Teetsell, Kathy |

## KEYWORDS:

1989 Exhibits and Exhibitors, 1989 PTG Awards, A Brief History of the PTG Tuning Test, A Master Class in Temperament Tuning, Acoustics, Action centers reaming, Action Parts, Actions, Aural Fine Tuning for Electronic Tuners, Aural Skills, Awards, Basic Aural Tuning, Business, College & University Technicians Seminar, comma of Pythagoras, Convention, Elbows replacing Plastic, electronic stretch calculator, Equal Temperament, Equal temperament, Exams, Galileo, Go bars/deck, Grand Piano Remanufacturing, Grand Piano Remanufacturing (class review), Health, health, How Good is Your Health Insurance?, How Important Are Aural Skills for The RTT?, Impressions From Portland, Institute class review 1989, institute class review 1989, Institute class review 89, Insurance, Introduction of Equal Temperament, Is There A Better Way?, Key Lead Removal, Lutes, medical, Medicare, Moving, New Vertical Action, Nickel and Dime Quality Tools, Parts, Piano Parity (class review), Piano Technicians Guild, Pianos, Pianos: A Moving Experience, Rebuilding, Ribs, Soundboard, Spielart, Temperaments historical, Tools & Equipment, tuning, Tuning, Tuning The Historical Temperaments by Ear, use of metronome

October 1989
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| And Now, A Few Words About the Journal | Graham, Susan |
| Communication Is Key | Goldsmith, Larry |
| Details and Decisions | Berry, Ronald L. |
| Drum Repetition | Sloane, Ken |
| Key Leveling | Spurlock, Bill |
| Key Leveling | Spurlock, Bill |
| Lengthening Tails for Better Repetition | Francis, T. |
| New Soundboard Old Bridge, Part II | Gravagne, Nick |
| Rebuilding: Tips Procedures And Tools | Graham, Susan |
| The First-Time Call | Root, Carl |
| The Stretch Calculator: Another View | Baldassin, Rick L. |
| The Technical Forum | Graham, Susan |
| Tuning Up | Swofford, K. |
| Tuning Up | Tremper, Fred W. |

## KEYWORDS:

A Few Words About the Journal, Acoustics, Agraffe installation, Agraffes, And Now, Business, Chapter management, Communication Is Key, Communications, Customer Relations, Details and Decisions, Drum Repetition, Equal temperament, Felt punching compressor, Foredom, Frequency formulas, Grand Repetition, Hammer tail length, Journal, Key dip block, Key Leveling, Key leveling, Key spacing, Lengthening Tails for Better Repetition, New Soundboard Old Bridge, Part II, Piano Technicians Guild, Plate repositioning, reamer, Rebuilding, Rebuilding: Tips Procedures And Tools, Regulating, Repetition, reversible motor, Spread measurement, squaring, Stretch Calculator, The First-Time Call, The Stretch Calculator: Another View, The Technical Forum, Tools & Equipment, Tuning, Tuning Up, wrench, writing for

November 1989
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Articles

| TITLE | AUTHOR |
|---|---|
| A Handcrafted Wooden Toolbox | Root, Carl |
| An Interview With Concert Artist Arie Vardi | Baldassin, Rick L. |
| Behind The Scenes | Berry, Ronald L. |
| Chapter News, Indiana | McLuckie, Ian S. |
| Early Research on Velocity of Sound In Air | Greenfield, Jack |
| How The Soundboard Really Works (Del Fandrich) | Gravagne, Nick |
| Learning to Pass The Tuning Exam | Travis, Michael |
| The PTG Asian Tour | Hong, Yat-Lam |
| The Technical Forum | Graham, Susan |
| The Technical Forum | Graham, Susan |
| Twelve Things to Remember | Field, Marshall |
| Vertical Regulation | Spurlock, Bill |
| What's It Worth | Goldsmith, Larry |
| Yardsticks | Burton, James H. |

## KEYWORDS:

A Handcrafted Wooden Toolbox, Acoustics, An Interview With Concert Artist Arie Verdi, Behind The Scenes, Case polyester, Chapter News, Committees, Composers, Concert pianists, Early Research on Velocity of Sound In Air, Exams, Hammer alignment to strings, Hammer Filing, Hammer travel, Hammers Fitting to strings, Hammers ironing, How The Soundboard Really Works (Del Fandrich), Indiana, Institute class Review 89, Learning to Pass The Tuning Exam, Membership dues, Musicians, P.T. Guild & Music Industry, Parts, Pianists, Piano Technicians Guild, PTJ Poems Songs Stories, Regulating, Repair, Self Examination, Sound Velocity, Soundboard, The PTG Asian Tour, The Technical Forum, Theory, Tool case & portfolio, Tools & Equipment, Tour, Tuning, Twelve Things to Remember, Vertical, Vertical Regulation, Voicing, What's It Worth, Wire seating, Yardsticks

December 1989
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Articles

| TITLE | AUTHOR |
|---|---|
| Appraisals and Purchase Consultations | Root, Carl |
| Asian Tour II | Hong, Yat-Lam |
| Basic Skills | Spurlock, Bill |
| Basic Skills | Spurlock, Bill |
| Basic Skills | Spurlock, Bill |
| Learning to Pass The Tuning Exam | Travis, Michael |
| President's Message | Berry, Ronald L. |
| Questions Answered: Baldwin Assem.; Stress Systems; Sound- | Gravagne, Nick |
| The Educated Piano by Edward J. McMorrow | Vincent, Alan |
| The Technical Forum | Graham, Susan |
| The Technical Forum | Graham, Susan |
| Tools of Early Piano Building | Swenson, Edward |
| Tuning Up | Baldassin, Rick L. |

## KEYWORDS:

Appraisals & Consultation, Appraisals and Purchase Consultations, Asian Tour II, Basic Skills, bench tools The Technical Forum, Book Review, Bridle wires, Business, Checking vertical, Dampers vertical, Equal temperament, Exams, Foredom, History, Jack stop rail, Key level and dip vertical, Learning to Pass The Tuning Exam, Let-off, Membership survey, Parts Rebuilding Baldwin Accu-Just Downbearing Soundboard stress Good Vibrations Questions Answered: Baldwin Assembly; Stress Systems Stiffness, Pedals, Piano early, Piano Technicians Guild, President's Message, Regulating, Service calls home, stability, The Educated Piano by Edward J. McMorrow, The exam piano, The Technical Forum, Tools & Equipment, Tools of Early Piano Building, Tour, Tuning, Tuning Up, Vacuum cleaner, Vertical, vertical, work table

January 1990
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| A Question of Rib Dimension | Gravagne, Nick |
| Acoustics, What's Acoustics | Neblett, Norman |
| Costs of Getting to the Job | Caldwell, Larry |
| Dallas 1990 | Bittinger, Dick |
| Death Notice...Sam Becker | |
| Diagnosing Repetition Problems in Vertical Pianos | Henry, Fern |
| Downtown Dallas - A New look | Yonley, Fred |
| Hammers: The Limits of Power | Isaac, Ari |
| How to Pass the PTG Tuning Exam: Part III | Travis, Michael |
| Improving our Public Relations | Hill, Jim |
| Many Musicians Make a Pitch for Lower Tuning | Wigler, Stephen |
| Pitch | Baldassin, Rick L. |
| Pitch | Baldassin, Rick L. |
| Pitch Measurement and Vibration Theory; Science of Acoustics | Greenfield, Jack |
| Realizing the Value of Our Volunteers | Berry, Ronald L. |
| Running Fair Technical Exams | Spurlock, Bill |
| The Technical Forum | Graham, Susan |
| The Technical Forum | Graham, Susan |
| The Technical Forum | Graham, Susan |
| Welcome to the '90s | Goldsmith, Larry |

## KEYWORDS:

A Question of Rib Dimension, Acoustics, Action Centers, alcohol, Animal Hide Glue, Beats, Bridge Repair, bushing cloth, Center Pins--brass, Costs of Getting to the Job BUSINESS Economic Affairs, Cyanoacrylate glues, Dallas 1990 PIANO TECHNICIANS GUILD PTG's Texas Roundup, Death Notice, Diagnosing Repetition Problems in Vertical Pianos, Downtown Dallas - A New look PIANO TECHNICIANS GUILD PTG's Texas Roundup, Elasticity, Freon, Frequency, Friction, Glue Pot, Hammers: The Limits of Power, Harmonic, How to Pass the PTG Tuning Exam: Part III, Improving our Public Relations BUSINESS, Inharmonicity, Interval, Many Musicians Make a Pitch for Lower Tuning, naphtha, nickel brass, Phillips screw, Pitch, Pitch Measurement and Vibration Theory; Science of Acoustics Est., Pitch Setting, Pitch TUNING Tuning Up, plated, Poor Repetition, Power, Pozidriv, Projection, Realizing the Value of Our Volunteers PIANO TECHNICIANS GUILD President's Message, Rebuilding, Reconditioning, Repair, Running Fair Technical Exams EXAMS PTG Exams, Sam Becker, silicone, Sluggish Action, Sound, Soundboard, Super Glue, Sustain, Temperament, The Technical Forum, Tone, Tone Color, Tuning, Tuning Fork, verdigris, water,, Welcome to the '90s PIANO TECHNICIANS GUILD From the Home Office, What's Acoustics, Whippen Spring Tension

February 1990
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| A Taste of Texas | Neiberding, Will |
| Advancing Our Profession Through Education | Henry, Fern |
| Bridges, Part I: Loose Pins | Gravagne, Nick |
| Death Notice...Lester Hustetler | |
| Death Notice...Robert McClure | |
| Death Notice...Walter Brooks, Sr. | |
| Drum Repetition | Sloane, Ken |
| Key Bushing Revisited | Spurlock, Bill |
| Learning to Pass the PTG Tuning Exam: Part IV | Travis, Michael |
| Let Us Put Our Brand On You! | Bittinger, Dick |
| Music Center Memories | Neblett, Norman |
| Soundboard Evaluation; Scrapers; Pianos in Earthquake Country | Graham, Susan |
| Taking Stock | Goldsmith, Larry |
| Temperament | Baldassin, Rick L. |
| Traditionally Speaking | Berry, Ronald L. |
| Tuning Stability | Wolford, Peter |

## KEYWORDS:

A Taste of Texas PIANO TECHNICIANS GUILD PTG's Texas Roundup, Advancing Our Profession Through Education PIANO TECHNICIANS GUILD President's Message, Bearing, Bridges, Checking, Cloth, Compression Ridges, Cracks, Crown, Death Notice, Drum Repetition, False Beats, Glues, Hammer Height, Hammer Technique, Interval, Key Bushing Revisited, Knives, Learning to Pass the PTG Tuning Exam: Part IV, Leather, Lester Hustetler, Let Us Put Our Brand On You! PIANO TECHNICIANS GUILD PTG's Texas Roundup, Mortise, Music Center Memories MUSICIANS At Large, Part I: Loose Pins, Pitch, Rebuilding, Reconditioning, Refinishing, Removal Steaming, Repair, Ribs, Robert McClure, Sharpening, Soaking, Soundboard Evaluation; Scrapers; Pianos in Earthquake Country, Sr., Sustain, Taking Stock PIANO TECHNICIANS GUILD From the Home Office, Temperament, Tight Pins, Traditionally Speaking PIANO TECHNICIANS GUILD President's Message, Tuning, Tuning Stability TUNING At Large, Walter Brooks

March 1990
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| A Business Unlike Any Other | Berry, Ronald L. |
| A Few Technical Tidbits | Graham, Susan |
| A Little More Controversy | Graham, Susan |
| Bridge Renotching | Gravagne, Nick |
| Changes | Goldsmith, Larry |
| Dallas 1990 | Bittinger, Dick |
| Death Notice...Barry Sidle | |
| Death Notice...Ralph Kingsbury | Kingsbury, Richard |
| Disability Insurance | Leary, Janet |
| Learning to Pass the PTG Tuning Exam: Part V | Travis, Michael |
| NAMM Report 1990 | Graham, Susan |
| Pierce Atlas in Ninth Edition | Staff |
| Sights of the Lone Star State | Symes, Kerry |
| The History of Taylor's Formula | Greenfield, Jack |
| The Midrange | Baldassin, Rick L. |
| The Tunable Concert Hall | Yonley, Fred |
| This Works For Me | McKowen, Frank |
| Upgrading Your Drill Press | Spurlock, Bill |

## KEYWORDS:

A Business Unlike Any Other PIANO TECHNICIANS GUILD President's Message, A Few Technical Tidbits, A Little More Controversy, Acoustics, Action, Baldwin, Barry Sidle, Bechstein, Beginning Tuning, Bridge Renotching, Business, Buzzes, Changes PIANO TECHNICIANS GUILD From the Home Office, Clicks, Dallas 1990 PIANO TECHNICIANS GUILD PTG's Texas Roundup, Death Notice, Disability Insurance, Hammers & Butts, Interval Tests, Kimball, Learning to Pass the PTG Tuning Exam: Part V, Letoff Rack, Pierce Atlas in Ninth Edition INDUSTRY Industry News, Poor Repetition, Ralph Kingsbury, Rebuilding, Reconditioning, Renner, Repair, Sauter, Schimmel, Schumann, Seiler, Sights of the Lone Star State PIANO TECHNICIANS GUILD PTG's Texas Roundup, Steingrauer & Sohmer, Steinway, String Vibrations, Temperament, The History of Taylor's Formula, The Midrange, The Tunable Concert Hall PIANO TECHNICIANS GUILD PTG's Texas Roundup, This Works For Me, Tools, Tuning, Upgrading Your Drill Press, Voicing, Yamaha, Young Chang

April 1990
CD# 2
Articles

| TITLE | AUTHOR |
| --- | --- |
| Membership Matters | Berry, Ronald L. |

**KEYWORDS:**
Membership Matters PIANO TECHNICIANS GUILD President's Message

May 1990
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| 1990 Institute Instructors | Bittinger, Dick |
| A Case Of Poor Upper-Bass Tone Quality | Brady, Steve |
| Dallas' West End District | Tomko, Thom |
| Death Notice...Achielle Hamilton | Hamilton, Daniel |
| Death Notice...C. Guy McKay | Berry, Ronald L. |
| Death Notice...Howard Roach Beesley | Barrus, Ralph/Brown, Lucian |
| Death Notice...Scotty Welton | Birch, Jim |
| In Respectful Memory: Erroll Crowl | Ainsworth, Donald |
| Key Balance Hole Repair | Spurlock, Bill |
| Learning to Pass the PTG Tuning Exam Part VI: Bass | Travis, Michael |
| More on Bridge Reconditioning | Gravagne, Nick |
| National Piano Foundation Awarded Second NAMM Grant | Staff |
| Networking | Caldwell, Larry |
| Preparing For the Council Session | Berry, Ronald L. |
| Promoting the Piano | Goldsmith, Larry |
| Shimming Cracks in Soundboards | Graham, Susan |
| The Bass | Baldassin, Rick L. |

## KEYWORDS:

1990 Institute Instructors PIANO TECHNICIANS GUILD PTG's Texas Roundup, A Case Of Poor Upper-Bass Tone Quality VOICING At Large, Achielle Hamilton, Business, C. Guy McKay, Cracks, Customer Relations, Dallas' West End District PIANO TECHNICIANS GUILD PTG's Texas Roundup, Death Notice, Developing New Customers, Glues & Adhesives, Howard Roach Beesley, In Respectful Memory: Erroll Crowl, Intervals, Key Balance Hole Repair, Learning to Pass the PTG Tuning Exam Part VI: Bass, More on Bridge Reconditioning, National Piano Foundation Awarded Second NAMM Grant INDUSTRY Industry News, Networking BUSINESS Economic Affairs, Notching, Preparing For the Council Session PIANO TECHNICIANS GUILD President's Message, Promoting the Piano, Rebuilding, Reconditioning, Repair, Scotty Welton, Shimming Cracks in Soundboards, Shims, The Bass, Tools, Tuning

June 1990
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| 1990 Institute Class Schedule | Bittinger, Dick |
| Convention Draws Near | Berry, Ronald L. |
| Dallas Chapter Moneymakers | Tomko, Thom |
| Dear Susan | Dove, Robert F. |
| Death Notice...A. Tony Novinski | Hess, Matry |
| Death Notice...Larry S. Hiller | Hiller, Mary Ann Eve |
| Expansion of Musical Acoustics in the 18th Century | Greenfield, Jack |
| Learning to Pass the PTG Tuning Exam; Part VII: Treble | Travis, Michael |
| More on Bridge Re-Working; And Introduction to Recapping | Gravagne, Nick |
| New President Announced At Yamaha | Staff |
| Piano Action Touchweight & Lever Mechanics | Vincent, Alan |
| Soundboard Repair & Refinishing: Part V | Graham, Susan |
| The Making of a Continent | Tomko, thom |
| The Pie | Goldsmith, Larry |
| The Treble | Baldassin, Rick L. |
| Treble Octave Stretching | West, Richard |
| Vertical Piano Damper Replacement: Part I | Spurlock, Bill |

## KEYWORDS:

1990 Institute Class Schedule PIANO TECHNICIANS GUILD PTG's Texas Roundup, A. Tony Novinski, Convention Draws Near PIANO TECHNICIANS GUILD President's Message, Dallas Chapter Moneymakers PIANO TECHNICIANS GUILD PTG's Texas Roundup, Damping, Dear Susan, Death Notice, Engineering, Expansion of Musical Acoustics in the 18th Century, Friction, Harmonics, Larry S. Hiller, Learning to Pass the PTG Tuning Exam; Part VII: Treble, Leverage, Lift, More on Bridge Re-Working; And Introduction to Recapping, New President Announced At Yamaha INDUSTRY Industry News, Partials & Nodes, Piano Action Touchweight & Lever Mechanics, Pinning, Quality Assurance, Rebuilding, Reconditioning, Regulation, Repair, Repetition, Research & Development, Ringing, Soundboard Repair & Refinishing: Part V, Steinway, The Making of a Continent PIANO TECHNICIANS GUILD PTG's Texas Roundup, The Pie INDUSTRY From the Home Office, The Treble, Tools, Treble Octave Stretching, Tuning, Vertical Piano Damper Replacement: Part I, Vibrating String, Vibration, Weight

July 1990
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| 1990 Institute Program | Bittinger, Dick |
| Associations Advance America | Goldsmith, Larry |
| Bridge Recapping: Location & Measurement | Gravagne, Nick |
| Dallas Chapter Preparing for Convention | Tomko, Thom |
| Goodbye | Berry, Ronald L. |
| Learning to Pass the PTG Tuning Exam; Part VIII: High Treble | Travis, Michael |
| More Dallas Attractions | Tomko, Thom |
| Piano Action Touchweight; Part II | Vincent, Alan |
| Piano Management, A Marketable Skill | Bowman, Daniel |
| Soundboard Repair-Refinishing Part VI: Finish | Graham, Susan |
| The High Treble | Baldassin, Rick L. |
| Treble Tuning Again | West, Richard |
| Vertical Piano Damper Replacement: Part II | Spurlock, Bill |

## KEYWORDS:

1990 Institute Program PIANO TECHNICIANS GUILD PTG's Texas Roundup, A Marketable Skill, Associations Advance America Business From the Home Office, Bridge Recapping: Location & Measurement, Business, Dallas Chapter Preparing for Convention PIANO TECHNICIANS GUILD PTG's Texas Roundup, Goodbye PIANO TECHNICIANS GUILD President's Message, Lacquer, Learning to Pass the PTG Tuning Exam; Part VIII: High Treble, Leverage, Lift, More Dallas Attractions PIANO TECHNICIANS GUILD PTG's Texas Roundup, Piano Action Touchweight; Part II, Piano Management, Rebuilding, Reconditioning, Regulation, Repair, Shellac, Soundboard Repair-Refinishing Part VI: Finish, The High Treble, Treble Tuning Again TUNING At Large, Tuning, Varnish, Vertical Piano Damper Replacement: Part II, Weight, Wire Bending

August 1990
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Bridge Recapping: Removing the Old Cap | Gravagne, Nick |
| Death Notice...Art Flashman | Scott, Brian |
| Death Notice...George Defebaugh | |
| Friction | Vincent, Alan |
| From the Mailbag | Graham, Susan |
| Introducing...Our New President | Zeringue, Nolan |
| Learning to Pass the PTG Tuning Exam; Part IX: Stability | Travis, Michael |
| New Life For Old Hammer Shanks | Graham, Susan |
| Secrets of the Superglues | Hand, A. J. |
| Stability | Baldassin, Rick L. |
| The Una Corda in Voicing | Graham, Susan |
| Tones Created by the Ear | Greenfield, Jack |

## KEYWORDS:

Acoustics, Adhesives, Art Flashman, Brass Flanges, Bridge Recapping: Removing the Old Cap, Cleaning, Climate Control, Death Notice, Friction, From the Mailbag, George Defebaugh, Glues, Hand Planing, Introducing...Our New President PIANO TECHNICIANS GUILD President's Message, Jack Flange Resistance, Knuckles, Learning to Pass the PTG Tuning Exam; Part IX: Stability, Lubricants, New Life For Old Hammer Shanks, Poor Repetition, Rebuilding, Reconditioning, Regulation, Repair, Secrets of the Superglues, Setting the Pin, Setting the String, Stability, Sticking Keys, Test Blow, The Una Corda in Voicing, Tones Created by the Ear, Tools, Touchweight, Tuning, Unison

September 1990
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| An Open Letter to PTG Members to Promote Piano Lessons | Smith, Harold |
| Convention Tuning Classes | Baldassin, Rick L. |
| Dallas Convention Draws More Than 850 For Week of Work and | Staff |
| Dallas Institute Classes (re: Convention) | Graham, Susan |
| Gluing Grand Hammers-A Factory Method | Grassi, Jeannie |
| Grand Hammers Part I; Selection & Boring | Spurlock, Bill |
| Grand Voicing | Wood, Doug |
| Keytops, Sharps, & Repairs | Rice, Paul |
| Learning to Pass the PTG Tuning Exam; Part 10: Unisons | Travis, Michael |
| Leverage | Vincent, Alan |
| NAMM Representatives Unveil Plan to Support Music Education | Linkin, Larry |
| National Piano Foundation Video Wins National Industry Honor | Staff |
| New 1990 Bosendorfer | Rice, Paul |
| One Week In Dallas | Goldsmith, Larry |
| PTG Committee | Zeringue, Nolan |
| Renting Pianos For Fun & Profit | Rice, Paul |
| Steinway & Sons Names Schuyler Chapin Vice President, Concert | Staff |
| Tools & Modification of Tools | Rice, Paul |
| Troubleshooting the Piano Service Business | Kiel, Mitch |
| Tuning-Do Your Own Thing | Kiel, Mitch |
| Understanding Workers' Compensation | Leary, Janet |
| Unisons | Baldassin, Rick L. |
| Vertical Hammer Installation | Kiel, Mitch |

## KEYWORDS:

An Open Letter to PTG Members to Promote Piano Lessons, Business, Concert and Artists INDUSTRY Industry News, Convention Tuning Classes, Dallas Convention Draws More Than 850 For Week of Work and Fun PIANO TECHNICIANS GUILD PTG's Texas Roundup, Dallas Institute Classes (re: Convention) PIANO TECHNICIANS GUILD Class Reviews, Education, Gluing Grand Hammers-A Factory Method, Grand Hammers Part I; Selection & Boring, Grand Voicing, Keytops, Learning to Pass the PTG Tuning Exam; Part 10: Unisons, Leverage, NAMM Representatives Unveil Plan to Support Music Education INDUSTRY PTG's Texas Roundup, National Piano Foundation Video Wins National Industry Honor INDUSTRY Industry News, New 1990 Bosendorfer, One Week In Dallas PIANO TECHNICIANS GUILD From the Home Office, Piano Action, Pianos, PTG Committee PIANO TECHNICIANS GUILD President's Message, Rebuilding, Renting Pianos For Fun & Profit, Repair, Sharps, Steinway & Sons Names Schuyler Chapin Vice President, Tone, Tools & Modification of Tools, Touch, Trouble-shooting the Piano Service Business, Tuning-Do Your Own Thing, Understanding Workers' Compensation, Unisons TUNING Tuning Up, Vertical Hammer Installation

October 1990
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Chapter Participation | Zeringue, Nolan |
| Chladni's Vibration Patterns | Greenfield, Jack |
| Comeback of the Piano | Potter, Randy |
| Even More on Tuning Stability | Juhn, Ernie |
| Grand Hammers Part II; Tail Shaping | Spurlock, Bill |
| Information | Goldsmith, Larry |
| Interval Tests | Baldassin, Rick L. |
| Lubricants | Graham, Susan |
| More on Leverage | Vincent, Alan |
| More Tuning Class Reviews | Baldassin, Rick L. |
| Progress Is Not Made By Contented People | Phillips, Webb |
| Removing the Old Bridge Top With Power Tools | Gravagne, Nick |
| Stanwood Action: A New Action System For the Grand Piano | Stanwood, David |

## KEYWORDS:

Acoustics, Chapter Participation PIANO TECHNICIANS GUILD President's Message, Chladni's Vibration Patterns, Comeback of the Piano INDUSTRY, Even More on Tuning Stability, Friction, Grand Hammers Part II; Tail Shaping, Information PIANO TECHNICIANS GUILD From the Home Office, Interval Tests, Lubricants, More on Leverage, More Tuning Class Reviews, Noises, Progress Is Not Made By Contented People BUSINESS Business, Rebuilding, Reconditioning, Removing the Old Bridge Top With Power Tools, Repair, Repetition, Stanwood Action: A New Action System For the Grand Piano, Touchweight, Tuning

November 1990
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Action Spread | Vincent, Alan |
| Bridge Recapping: Consider Installing the Ready-to-Go Cap | Gravagne, Nick |
| Death Notice...John Hutton | |
| Different Strokes for Different Folks | Baldassin, Rick L. |
| Dues and Don'ts | Zeringue, Nolan |
| Fine Tuning A Piano Climate Control System | Mair, Robert W. |
| Grand Hammers: Part III; Shank & Hammer Installation | Spurlock, Bill |
| Learning to Pass the PTG Tuning Exam; Part 11: Review | Travis, Michael |
| Mastering Friction With the Balance Weight System | Stanwood, David |
| Pieces of String Too Short to Use | Graham, Susan |
| PTG Survey- The Composition of Your Clientele | Root, Carl |
| School District Contracts | Barr, David |
| Success and the Good Old Days | Goldsmith, Larry |

## KEYWORDS:

Action Spread, Backchecking, Bridge Recapping: Consider Installing the Ready-to-Go Cap, Business, Death Notice, Different Strokes for Different Folks, Dues and Don'ts PIANO TECHNICIANS GUILD President's Message, Fine Tuning A Piano Climate Control System, Grand Hammers: Part III; Shank & Hammer Installation, Hammer Technique, Humidity, John Hutton, Learning to Pass the PTG Tuning Exam; Part 11: Review, Lubrication, Mastering Friction With the Balance Weight System, Pieces of String Too Short to Use, PTG Survey- The Composition of Your Clientele BUSINESS, Rebuilding, Reconditioning, Regulation, Repair, School District Contracts, Sticky Keys, Success and the Good Old Days PIANO TECHNICIANS GUILD From the Home Office, Touchweight, Tuning

December 1990
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Articles

| TITLE | AUTHOR |
|---|---|
| Acoustics Theories of Thomas Young | Greenfield, Jack |
| Collecting & Saving | Neblett, Norman |
| Grand Action Touchweight, Part I | Spurlock, Bill |
| Grand Dampers | Graham, Susan |
| Help Music Make the Difference | Zeringue, Nolan |
| Inertia | Vincent, Alan |
| Making & Installing New Bridge Caps | Gravagne, Nick |
| More on Interval Tests | Baldassin, Rick L. |
| Scheduling Piano Service Appointments | Root, Carl |
| Servicing the Rural Customer | Campbell, Danele |
| The Gift | Goldsmith, Larry |
| Two Reasons for Turning On Ears and Machine At the Same time | Coleman, James W. |

## KEYWORDS:

Acoustics Theories of Thomas Young, Business, Collecting & Saving MISCELLANEOUS, Grand Action Touchweight, Grand Dampers, Help Music Make the Difference PIANO TECHNICIANS GUILD President's Message, Inertia ACTIONS At large, Making & Installing New Bridge Caps, More on Interval Tests, Part I, Rebuilding, Reconditioning, Regulation, Repair, Scheduling Piano Service Appointments, Servicing the Rural Customer, Sound, String Vibration, The Gift PIANO TECHNICIANS GUILD From the Home Office, Tuning, Two Reasons for Turning On Ears and Machine At the Same time ELECTRONICS At Large

January 1991
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Articles

| TITLE | AUTHOR |
|---|---|
| "Torque, Touring, and More" | Graham, Susan |
| A New Year's Resolution: Participation | Zeringue, Nolan |
| Condemning Pianos and Failed Appointments | Root, Carl |
| Death Notice...Fred Russell | |
| Death Notice...J. Ben Markum, Jr. | Harting, Hiram W. |
| Death Notice...Pharis E. Scoggin | Groover, Joan |
| Grand Action Touchweights, Part II | Spurlock, Bill |
| Klunkers and Failed Appointments | Root, Carl |
| Laying Out the Bridge, and Drilling Pin Holes | Gravagne, Nick |
| Negative Inharmonicity | Baldassin, Rick L. |
| New Year's Wishes | Goldsmith, Larry |
| Philadelphia: Our 1991 Convention Site | Brown, Ruth |
| The Examinee and The Master Tuning | Swafford, Kent |
| The Philadelphia Story | Juhn, Ernie |

## KEYWORDS:

A New Year's Resolution: Participation PIANO TECHNICIANS GUILD President's Message, and Drilling Pin Holes, Business, Buzzes, Clicks, Condemning Pianos and Failed Appointments, Customer Relations, Death Notice, Fred Russell, Friction, Grand Action Touchweight, J. Ben Markum, Jr., Klunkers and Failed Appointments, Laying Out the Bridge, Negative Inharmonicity, New Year's Wishes PIANO TECHNICIANS GUILD From the Home Office, Noises, Part II, Pharis E. Scoggin, Philadelphia: Our 1991 Convention Site PIANO TECHNICIANS GUILD Convention, Piano Performance, Pinblock, Pressure Bar, Rebuilding, Reconditioning, Regulation, Repair, Squeaks, The Examinee and The Master Tuning, The Philadelphia Story PIANO TECHNICIANS GUILD Convention, Troubleshooting, Tuning, Tuning Pin

February 1991
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Articles

| TITLE | AUTHOR |
|---|---|
| A Historical tour | Phillips, Webb |
| An Invitation... | Goldsmith, Larry |
| Campaign Forums Held | Staff |
| Commercial Insurance and The Risk Management Process | Leary, Janet |
| Death Notice...Floyd Swinney | |
| Efficient Methods of Felt Replacement | Spurlock, Bill |
| Fixing It | Neblett, Norman |
| Mathematical Progress in Earlier 19th Century Acoustics | Greenfield, Jack |
| National Music Systems Inc.` | Staff |
| New Traveling Library is a "Pupil Saver" | Staff |
| Plans For Tour Coming Along | Hilbert, Ed |
| PTG - An International Organization | Zeringue, Nolan |
| Rebuilding Damper Systems | Graham, Susan |
| String Friction & its Coordination With Pin Friction in Tuning | Ballard, Bill |
| Techniques of Bridge Notching | Gravagne, Nick |
| Temperament Systems | Baldassin, Rick L. |
| The Philadelphia Story | Juhn, Ernie |

## KEYWORDS:

A Historical tour PIANO TECHNICIANS GUILD Convention, Acoustics, An Invitation... PIANO TECHNICIANS GUILD From the Home Office, Business, Campaign Forums Held INDUSTRY, Commercial Insurance and The Risk Management Process, Customer Relations, Death Notice, Efficient Methods of Felt Replacement REBUILDING Practically Speaking, Fixing It, Floyd Swinney, Mathematical Progress in Earlier 19th Century Acoustics, National Music Systems Inc.` INDUSTRY Industry News, New Traveling Library is a "Pupil Saver" INDUSTRY Industry News, Plans For Tour Coming Along INTERNATIONAL International Scene, PTG - An International Organization PIANO TECHNICIANS GUILD President's Message, Rebuilding, Rebuilding Damper Systems, Reconditioning, Repair, Sound, String, String Friction and Its Coord. W/ Pin Friction. In Tuning Mechanics, Techniques of Bridge Notching, Temperament Systems, The Philadelphia Story PIANO TECHNICIANS GUILD Convention, Troubleshooting, Tuning, Vibration

March 1991
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| "Key Recovering, Part I" | Spurlock, Bill |
| ...Of Better Piano Service | Sandy Hartman |
| 1991 NAMM Show | Graham, Susan |
| A Case of Two Pianos (or 'Grand Slam') | Teetsell, Kathy |
| A New Way of Looking at Aural and Electronic Tuning | Slater, Ken |
| A Tribute to Jim Burton | Caskey, Jack |
| Death Notice...Fred Sponseller, Jr. | |
| Death Notice...Max L. Kulcke | |
| Focus On Ethics-Healthy Relationships | Hollingsworth, Francis |
| Host Chapter to Hold Auction Extravaganza | Phillips, Webb |
| Keeping in a Progressive Mode | Zeringue, Nolan |
| NAMM Show Reflections | Baldassin, Rick L. |
| Pinning and Finishing the Bridge | Gravagne, Nick |
| Remodeling and Reinventing | Goldsmith, larry |
| String Friction and its Coordination with Pin Friction in Tuning Mechanics, Part II | Ballard, Bill |
| The Philadelphia Story | Juhn, Ernie |
| The PTG Survey: Advertising, Registered Craftsmen, and Employees | Root, Carl |
| Young Chang Names New National Service Manager | Staff |

## KEYWORDS:

...Of Better Piano Service PIANO TECHNICIANS GUILD Convention, 1991 NAMM Show, A Case of Two Pianos (or 'Grand Slam') REPAIR At Large, A New Way of Looking At Aural and Electronic Tuning, A Tribute to Jim Burton PIANO TECHNICIANS In Memory, and Employees, Business, Death Notice, Focus On Ethics-Healthy Relationships BUSINESS, Fred Sponseller, Host Chapter to Hold Auction Extravaganza PIANO TECHNICIANS GUILD Convention, Jr., Keeping in a Progressive Mode PIANO TECHNICIANS GUILD President's Message, Key Recovering, Max L. Kulcke, NAMM Show Reflections, Part I, Pianos, Pinning and Finishing the Bridge, Pt. II, Rebuilding, Reconditioning, Registered Craftsmen, Remodeling and Reinventing PIANO TECHNICIANS GUILD From the Home Office, Repair, String Friction & Its Coord. W/ Pin F. In Tuning Mechanics, The Philadelphia Story PIANO TECHNICIANS GUILD Convention, The PTG Survey: Advertising, Tuning, Young Chang Names New National Service Manager INDUSTRY Industry News

April 1991
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Articles

| TITLE | AUTHOR |
|---|---|
| A Chapter Is a Living Thing (Help It Grow) | Dornfeld, Bruce |
| Putting PTG in Public Focus | Zeringue, Nolan |

## KEYWORDS:

A Chapter Is a Living Thing (Help It Grow) PIANO TECHNICIANS GUILD From the Vice President, Putting PTG in Public Focus PIANO TECHNICIANS GUILD President's Message

May 1991
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| "Key Recovering, Part II" | Spurlock, Bill |
| 1991 Technical Institute Class Descriptions | Juhn, Ernie |
| Aural Structural Tuning | Moonan, William |
| Death Notice...Angie McCollom | |
| Death Notice...Daniel Shalanko | |
| Gluing on Damper Felt | Graham, Susan |
| Letters | Baldassin, Rick L. |
| Marketing | Goldsmith, Larry |
| Marketing Study Group Reports Findings | Henry, Fern |
| Miniature Piano Enthusiast Club | Staff |
| New Keyboard Product Reference | Staff |
| Philadelphia Attractions | Helzner, Alan |
| Pinning and finishing the bridge | Gravagne, Nick |
| Planning For Your Future | Zeringue, Nolan |
| Stating the Facts: Alfred Knight, Ltd. | Grover, D.S. |
| Steinway...Kawai Announce Agreement to Distribute New Line... | Staff |
| The Beat Frequencies of the Various Intervals as a Function of Stretch Numbers | Wentworth, Gerald |
| The Cost of Doing Business | Caldwell, Larry |
| The Ideal Aural Tuning, Part I: The Introduction | Coleman, James W. |
| The Philadelphia Story | Juhn, Ernie |
| The Piano Triangle | Bowman, Daniel |
| The PTG Survey: Part-Time Professional | Root, Carl |
| What's a Sponsor to Do? | Dornfeld, Bruce |

## KEYWORDS:

1991 Technical Institute Class Descriptions PIANO TECHNICIANS GUILD Convention, Angie McCollom, Aural Structural Tuning TUNING At Large, Beat Frequencies of Various Intervals as Function of Stretch Nos., Business, Daniel Shalanko, Death Notice, Downbearing, Gluing On Damper Felt, Inharmonicity, Key Recovering, Letters, Ltd. INDUSTRY Letters, Marketing, Marketing Study Group Reports Findings, Miniature Piano Enthusiast Club INDUSTRY Industry News, Musician, New Keyboard Product Reference INDUSTRY Industry News, Part I: The Introduction, Part II, Philadelphia Attractions PIANO TECHNICIANS GUILD Convention, Pinning and Finishing the Bridge, Planning For Your Future, Rebuilding, Reconditioning, Repair, Stating the Facts: Alfred Knight, Steinway...Kawai Announce Agreement to Distribute New Line... INDUSTRY Industry News, Technician, The Cost of Doing Business BUSINESS At Large, The Ideal Aural Tuning, The Philadelphia Story PIANO TECHNICIANS GUILD Convention, The Piano Triangle, The PTG Survey: Part-Time Professional, Tuning, What's a Sponsor to Do? PIANO TECHNICIANS GUILD Membership

June 1991
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| "Key Recovering, Part III" | Spurlock, Bill |
| AMC Reports 1990 U.S. Music Industry Export Value Up 13%, Import Value Down 6% | Staff |
| Flexing the plate: Yes or No? | Gravagne, Nick |
| Join Us In Philadelphia | Zeringue, Nolan |
| Our Culture Is Dying | Goldsmith, Larry |
| Pitch Perception: Early Research | Greenfield, Jack |
| Refining Lift Setting and Position of Dampers | Graham, Susan |
| Temperament Overdose | Baldassin, Rick L. |
| The Ideal Aural Tuning, Part II | Coleman, James W. |
| The Philadelphia Story | Juhn, Ernie |
| The PTG Survey: Part-Time Professional-Correction | Root, Carl |
| Top 10 Philadelphia Attractions | Brown, Ruth |

## KEYWORDS:

Acoustics, AMC Reports 1990 U.S. Music Industry Export Value Up 13%, Business, Flexing the Plate: Yes or No?, Import Value Down 6% INDUSTRY Industry News, Join Us In Philadelphia PIANO TECHNICIANS GUILD President's Message, Key Recovering, Music Education, Our Culture is Dying'..., Part II, Part III, Pitch Perception: Early Research, Rebuilding, Reconditioning, Refining Lift Setting and Position of Dampers, Regulation, Repair, String Vibration, Technician, Temperament Overdose, The Ideal Aural Tuning, The Philadelphia Story PIANO TECHNICIANS GUILD Convention, The PTG Survey: Part-Time Professional-Correction, Top 10 Philadelphia Attractions PIANO TECHNICIANS GUILD Convention, Tuning

July 1991
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| A Piano Restringing Procedure | Crabb, Larry |
| Death Notice...Owen C. Trimble | Neie, Gary A. |
| More From the Mailbag | Graham, Susan |
| Randy Potter School to Use Aubrey Willis Course | Staff |
| Review: The Calculating Technician | Snyder, Willis |
| Some Technical Wrap-Ups, and a Discussion with Chris Robinson | Gravagne, Nick |
| Thank You | Zeringue, Nolan |
| The Ideal Aural Tuning, Part III | Coleman, James W. |
| The More Things Change | Goldsmith, Larry |
| The PTG Survey: Aural Vs. Electronic | Root, Carl |
| The Stretch Calculator and the Exam | Baldassin, Rick L. |
| Voicing Concepts | Grossman, Matt |

## KEYWORDS:

A Piano Restringing Procedure, and a Discussion With Chris Robinson, Backchecks, capstans, Climate Control, Death Notice, Downbearing, Hammer, Humidity, Inharmonicity, Keypins, More from the Mailbag, Nose Bolt, Owen C. Trimble, Part III, Randy Potter School to Use Aubrey Willis Course INDUSTRY Industry News, Rebuilding, Reconditioning, Repair, Review: The Calculating Technician REVIEWS Book Review, Some Technical Wrap-Ups, Soundboard, Sticky Keys, Thank You PIANO TECHNICIANS GUILD President's Message, The Ideal Aural Tuning, The More Things Change PIANO TECHNICIANS GUILD From the Home Office, The PTG Survey: Aural Vs. Electronic, The Stretch Calculator and the Exam, Tone, Tools, Tuning, Tuning Pins, Voicing Concepts

August 1991
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Death Notice...E. Vann Grimley | |
| Listen To Your Customers | Zeringue, Nolan |
| Replacing A Full-Fit Grand Pinblock | Graham, Susan |
| Sound Wave and Vibration Studies from Early to Mid-19th Century | Greenfield, Jack |
| The Ideal Aural Tuning, Part IV | Coleman, James W. |
| Tuning Spinets | Baldassin, Rick L. |

**KEYWORDS:**
Acoustics, Death Notice, E. Vann Grimley, Listen To Your Customers BUSINESS President's Message, Part IV, Pitch Raise, Rebuilding, Reconditioning, Repair, Replacing A Full-Fit Grand Pinblock, Sound Wave and Vibration Studies From Early to Mid-19th Century, The Ideal Aural Tuning, Tuning Spinets

September 1991
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Action Centers--The Secret of Consistent Touch (Class Review) | Bartnik, Bob |
| Continuing Our Success | Zeringue, Nolan |
| Convention Report--Exhibit Hall | Graham, Susan |
| Convention Review | Baldassin, Rick L. |
| Death Notice...Fred W. Wallace | |
| Disklavier--The Future of the Piano (Class Review) | Bartnik, Bob |
| Economics and the Piano Technician - An Introduction Into the Dual American Economy | Gravagne, Nick |
| First Annual Wolfies Awarded to Advertisers | Staff |
| Fitting the Block to the Flange | Graham, Susan,Brooks,Wally |
| Milestones Past - And Future | Goldsmith, Larry |
| Pianos Without Sheep? (Class Review) | Ballard, Bill |
| Pinblock Installation (Class Review) | Bartnik, Bob |
| Servicing The Service Business (Class Review) | Poulson, Patrick |
| Shop Procedures For Fun & Profit (Class Review) | Bartnik, Bob |
| Spielart--How to Determine Tone & Touch Quality (Class Review) | Ballard, Bill |
| Temperaments of the Masters (Class Review) | Bartnik, Bob |
| The Fandrich Action-A Grand Action For A Vertical Piano(Class Rev | Ballard, Bill |
| Voicing--Theory & Practice (Class Review) | Grossman, Matthew R. |
| Why in the World Did They Do That? (Class Review) | Ballard, Bill |

## KEYWORDS:

Action Centers--The Secret of Consistent Touch (Class Review), Business, Continuing Our Success PIANO TECHNICIANS GUILD President's Message, Convention Report--Exhibit Hall, Convention Review, Death Notice, Disklavier--The Future of the Piano (Class Review), Dual American Economy, Economics & the Piano Technician-An Intro., Felt, First Annual Wolfies Awarded to Advertisers INDUSTRY Industry News, Fitting The Block to the Flange, Fred W. Wallace, Friction, Hammers, Marketing, Milestones Past - And Future PIANO TECHNICIANS GUILD From the Home Office, Piano Evaluation, Pianos, Pianos Without Sheep? (Class Review), Pinblock, Pinblock Installation (Class Review), Player Pianos, Rebuilding, Regulation, Repair, Servicing The Service Business (Class Review), Shop Procedures For Fun & Profit (Class Review), Spielart--How to Determine Tone & Touch Quality (Class Review), Temperaments of the Masters (Class Review), The Fandrich Action-A Grand Action For A Vertical Piano(Class Review), Tools, Tuning, Voicing, Voicing--Theory & Practice (Class Review), Why in the World Did They Do That? (Class Review)

October 1991
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Continuing Our Success | Zeringue, Nolan |
| More on Octave Tuning | Baldassin, Rick L. |
| Our Economic Future | Wyatt, Jack |
| Piano Destruction - Threat Or Menace | Goldsmith, Larry |
| Pinblock Installation, Part III | Graham, Susan,Brooks,Wally |
| The Business of Piano Rebuildling; A first look | Gravagne, Nick |
| The Career of Hermann Von Helmholtz and his Devices For Acoustical Studies | Greenfield, Jack |
| Using the Table-Mounted Router, Part I | Spurlock, Bill |

## KEYWORDS:

Acoustical Studies, Business, Career of Hermann Von Helmholtz & His Discoveries., Continuing Our Success PIANO TECHNICIANS GUILD President's Message, Expenses, Harmonics, Income, More on Octave Tuning, Our Economic Future, Part I, Part III, Piano Destruction - Threat Or Menace PIANO TECHNICIANS From the Home Office, Pinblock Installation, Pricing, Rebuilding, Repair, Resonance, Resonators, The Business of Piano Rebuilding: A First Look, Tone, Tools, Using the Table-Mounted Router

November 1991
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Customer Relationships | Wolford, Peter |
| It Pays To Be a Professional | Zeringue, Nolan |
| More On Shop Economics | Gravagne, Nick |
| No Strings Attached | Goldsmith, Larry |
| Paenultimus | Baldassin, Rick L. |
| Report on the Seventh IAPBT Meeting | Berry, Ronald L. |
| The Ideal Aural Tuning, Part V | Coleman, James W. |
| The Panic Stricken Regulation | Ballard, Bill |
| Using the Table-Mounted Router, Part II | Spurlock, Bill |
| You're In The Right Place (Technical Info) | Harvey, Jim |

## KEYWORDS:

Action Repair, Business, Customer Relationships SERVICE At large, Expenses, Formulas, Hammer Tail Arcing Jig, Income, International Relations, It Pays To Be a Professional PIANO TECHNICIANS GUILD President's Message, Key Top Beveling Jig, More on Shop Economics, No Strings Attached INDUSTRY, Paenultimus, Part V, Pinblock Repair, Pricing, Rebuilding, Repair, Report on the Seventh IAPBT Meeting, The Ideal Aural Tuning, The Panic Stricken Regulation, Tools, Tuning, You're in the Right Place

December 1991
CD# 2
Articles

| TITLE | AUTHOR |
|---|---|
| Creating a Pricing Model for Your Business | Leary, Janet |
| Hire An Assistant and Increase your Hourly Earnings | Gravagne, Nick |
| Humidity Within The Home | Mair, Robert |
| Replacing Upright Hammer Butt and Catcher Coverings | Spurlock, Bill |
| Swan Song | Baldassin, Rick L. |
| The "Marshmallow Zone" Re-Visited | Bowman, Daniel |
| The Creation of a Monster | McKlveen, Ben |
| The Holiday Season: Gifts, Resolutions, and Restrospectives | Harvey, Jim |
| The Piano Technicians' World Gets Smaller | Berry, Ronald L. |

## KEYWORDS:

& Retrospectives, Action Repair, Business, Creating A Pricing Model For Your Business, Epoxy, Fiberglass, Glue Pots, Hire An Assistant & Increase Your Hourly Earnings, Humidity Within the Home, Income, International Relations, Pricing, Replacing Upright Hammer Butt & Catcher Coverings, Resolutions, springy tuning pins, Swan Song MISCELLANEOUS Tuning Up, The "Marshmallow Zone" Re-Visited, The Creation of a Monster PIANO TECHNICIANS GUILD Go for the Gold, The Holiday Season: Gifts, The Piano Technicians' World Gets Smaller, Tools, Tuning, Tuning stability, twisting bending

January 1992
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| Cleaning Piano Actions & Parts with a glass Bead Blaster | Spurlock, Bill |
| Custom Weights | Harvey, Jim |
| Expanding Our Horizons | Harvey, Jim |
| In Respectful Memory... Bates, Peter Dale | Young, Wilford |
| In Respectful Memory... Nardine, John | Montag, Wayne |
| In Respectful Memory... Terence "Terry" Boyle | Karabinus, Audrey |
| Investing in Change | Goldsmith, Larry |
| Master Teachers | McKlveen, Ben |
| More on the Business of Rebuilding | Gravagne, Nick |
| National Meeting of the Australian Piano Tuners and Technicians Association | Berry, Ronald L. |
| New Year's Goal | Zeringue, Nolan |
| Piano Cleaning | Harvey, Jim |
| The Art of Selling Pitch Raising | Russell, Bob |
| The Business Expense Model | Leary, Janet |
| The Future Pianos and Piano Technicians | Berry, Ronald L. |

## KEYWORDS:

Arch punch, bead, Business planning, Cleaning Piano Actions & Parts With A Glass Bead Blaster, Custom Weights, customer relations, Death Notice, decline, demonstration, development, dry suds, Expanding Our Horizons, Fixed, full-time vs. part-time, goal setting, hiring employees, history of the piano technician profession, In Respectful Memory... Bates, In Respectful Memory... Nardine, In Respectful Memory... Terence "Terry" Boyle, Investing In Change, involvement, John, Master Teachers, More On The Business Of Rebuilding, music industry, New Year's Goal: One Step At A Time, Peter Dale, Piano Cleaning, Polita, price, PTG, rough tuning, sand blasting, sand blasting cabinet, Supply & Demand, The Art Of Selling Pitch Raising, The Business Expense Model, The Future Of Pianos and Piano Technicians, Tools, tools & equipment, Vacuum, variable

February 1992
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| A New Face On The Scene | McKlveen, Ben |
| A Viewpoint by Bob Belmont | Belmont, Bob |
| Building A Glass Bead Blasting Booth | Spurlock, Bill |
| Don't Delay! Due to the Drop Date, Your Dues Are Due! | Zeringue, Nolan |
| Fallboard Modification | Harvey, Jim |
| Have We Got Classes For You! | McKlveen, Ben |
| In Respectful Memory... Jim Hopperstadt | Stivers, Mark |
| Key Leads And Termites? | Harvey, Jim |
| Load 'Em Up, Move 'Em Out | Harvey, Jim |
| NPF New Video Boasts Some All-Star Hosts | Staff |
| Putting the "Grand" Back Into The Piano | Powell, Sam |
| Recycling Tip: Fabric Softener Cloth | Harvey, Jim |
| Sacramento, The Early Years | Bryant, James G. |
| Sacramento, the Early Years | Bryant, Jim |
| Speech From Oliver Chang | Berry, Ronald L. |
| Sticking Keys Due To Jack | Harvey, Jim |
| The ABC's of NPF | Dillon, Brenda |
| The Back Room | Harvey, Jim |
| The Russian Association of Piano Craftsmen | Chastnickh, V. |
| The State of the Art | Gravagne, Nick |
| The Tuner Technician: A Business Sales Person? | Meissner, Wally |
| Tuning by Owen Jorgensen | Brady, Steve |
| World Blind Tuners March Together | Oliver, Stanley |

## KEYWORDS:

1992 PTG convention and technical institute preview, 1992 PTG convention preview, A New Face On The Scene, alignment, anti-static, Balance pin interference, big vs small business, Book Review, Building A Glass Bead Blasting Booth, by Owen Jorgensen, carrier, cleaning action and piano parts, complete piano service, Death Notice, Fallboard Modification, free market economy, future prospects, government employment, Have We Got Classes For You!, history, history of tuning profession, In Respectful Memory... Jim Hopperstadt, inflation, International, Key Leads And Termites?, lease, Load 'Em Up, more than just tuning, Move 'Em Out, National Piano Foundation, NPF New Video Boasts Some All-Star Hosts INDUSTRY Industry News, or purchase, piano playing promotion, piano teaching, Piano Tuner Association, pot metal action brackets, President Taipei, pricing, professionalism, PTG Home office move, Putting The "Grand" Back Into The Piano, Recycling Tip: Fabric Softener Cloth, Removing Baldwin upright fall rod, rent, ribbing - rim thickness, Rigid case structure, rim - soundboard interaction, Sacramento, salesmanship, sand blasting, site attractions, Speech From Oliver Chang, static electricity, Sticking Keys Due To Jack, swelling leads, Taiwan technicians, temperament, The ABC's Of NPF, The Back Room, The Early Years, the Early Years PIANO TECHNICIANS GUILD Convention, The Russian Association of Piano Craftsmen, The State Of The Art, The Tuner Technician: A Business Sales Person, To Own Or Not To Own, tools & Equipment, tuning, Tuning, Tuning profession, Upright action cradle, Viewpoint, Visually Impaired, World Blind Tuners March Together

March 1992
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| A Matter of Acoustics | Harvey, Jim |
| Acoustics & Recording Studio Pianos | Harvey, Jim |
| Bridge Repair For Better Tone | Gravagne, Nick |
| Bridge Repairs for Better Tone | Spurlock, Bill |
| Committee Busy On Marketing Project | Bowman, Keith |
| Economic Affairs | Wyatt, Jack |
| Institute Update | McKlveen, Ben |
| Introducing... An Important Communicator For PTG | Schieke, Glenn |
| Nostrums | McKlveen, Ben |
| NPF Test Marketing Successful | Goldsmith, Larry |
| Present & Future Of Pianos & Technicians In Korea | Han, Suck Won |
| The Gold Rush | Fowler, Carolyn & Fox, Dwyer |
| The Gold Rush | Fowler,Carolynn,Fox,Dwyer |
| The Pinblock Forces & Reactions | Gravagne, Nick |
| The PTG Council Is Your Forum For Success | Zeringue, Nolan |
| What Is Public Relations? | Lynes, Judy |
| Your Own Good Name | Goldsmith, Larry |

## KEYWORDS:

1992 convention & technical preview, 1992 convention preview, A Matter Of Acoustics, Acoustics & Recording Studio Pianos, ambidexterity, amplifying, attractions, basic skills, Bridge Repair For Better Tone, Bridge Repairs for Better Tone RESTORATION Practically Speaking, comfortable, Committee Busy On Marketing Project, DAG, dealer relations, Economic Affairs, economy, epoxy, ergonomics, flange, Forces & Reactions, hammer technique, Institute Update, international relations, Introducing... An Important Communicator For PTG, involvement, logo, marketing, National Piano Foundation, NPF Test Marketing Successful, pamphlets, pin setting, plate bushings, preliminary to voicing, Present & Future Of Pianos & Technicians In Korea, professional standards, public relations/service, PZM miking, representative democratic organization, room, RP vs advertising, site, stability, technical bulletins, The Gold Rush, The Gold Rush PIANO TECHNICIANS GUILD Convention, The Pinblock, The PTG Counsel Is Your Forum For Success, Tuning Corner, tuning pin torque, What Is Public Relations?, Your Own Good Name

May 1992
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| American Music Conference Board of Directors Approves New | Staff |
| If It Works... Don't Fix It | Carraher, Mike |
| In Memory... Rolland E. Stiefel | Anderson, Tim |
| Korean Association of Piano Technicians | Berry, Ronald L. |
| Locating the Plate Pinblock using a Pattern | Gravagne, Nick |
| NAMM '92 Review | Harvey, Jim |
| Nothing Happens Until A Sale Is Made | Wyatt, Jack |
| Proposed Changes to Bylaws, Regulations, and Codes - 1992 | |
| PTG Board of Directors, Agenda | |
| PTG Convention: A "Class-y" Place... | McKlveen, Ben |
| Sights and Sounds of Sacramento | Bryant, Jim |
| Soundboard Crack Repair - Part I | Spurlock, Bill |
| Standards | McKlveen, Ben |
| The Fandrich Piano | Harvey, Jim with Fandrich, Del |
| The Way Things Were | Fowler, Carolyn & Fox, Dwyer |
| The Way Things Were | Fowler,Carolynn,Fox,Dwyer |
| What's In A Name?, Part Two | Collier, Colette |
| Will the New Committee Members Please Stand Up? | Zeringue, Nolan |

## KEYWORDS:

1992 counsel session, 1992 music industry development, 1992 piano technical institute preview, 1992 Sacramento convention site and attractions preview, A "Class-y" Place, Agenda, American Music Conference Board of Directors Approves New Focus... INDUSTRY Industry News, and Codes - 1992, counsel session, credibility, death notice, development, drying, economics, education programs, emergency situations, encouraging upgrade, ethics, exam, experimentation, fixed (Kansas City) or changing convention sites, If It Works... Don't Fix It, In Memory... Rolland E. Stiefel, Industry, international relations, invention, Korean Association Of Piano Technicians, Location The Plate, NAMM '92 Review, new style, Nothing Happens Until A Sale Is Made, Part Two, pattern, Pinblock Using A Pattern, pre-teardown, professionalism, Proposed Changes to Bylaws, PTG Board of Directors, PTG Convention, PTG franchised membership classification, PTG involvement, PTG membership classification, rebuilding, reconditioning, Regulations, routing, shimming, Sights and Sounds of Sacramento PIANO TECHNICIANS GUILD Institute Update, Soundboard Crack Repair, speed tuning, standards, The Fandrich Piano, The Way Things Were, The Way Things Were PIANO TECHNICIANS GUILD Convention, tooling hole, Tuning Corner, What's In A Name?, Will The New Committee Members Please Stand Up?

June 1992
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| Final Countdown To Sacramento | McKlveen, Ben |
| From Management to Marketing to Home Ownership...PTG is Alive & Well | Zeringue, Nolan |
| From Management To Marketing To Home Ownership..PTG Is Alive & We | Zeringue, Nolan P. |
| How To Fix Defective Soundboards in a Few Minutes | Juhn, Ernie |
| International Relations | Berry, Ronald L. |
| Organized Observation | McKlveen, Ben |
| Pinblock Removal Using a Circular Saw | Gravagne, Nick |
| Ribbon-Cutting Cer. Offi. Opens New PTG Home Office In Kansas Cit | |
| Sacramento Side Trips | Bryant, Jim |
| Soundboard Crack Repair, Part 2 | Spurlock, Bill |
| Throw Out the Tuner.. & Move In The Piano | Gibson, Charles |
| Tuning Stability-What Is It? Part 1 | Fenner, Klaus |
| What's In A Name? | Collier, Colette |

## KEYWORDS:

1992 convention site & attractions, 1993 Europe Plans, A speech From Ling Ho (Tom) Liu, adhesives, advancement, association development, crown vs. down bearing, development, extra services, Final Countdown To Sacramento, From Management to Marketing to Home Ownership...PTG is Alive & Well PIANO TECHNICIANS GUILD President's Message, From Management To Marketing To Home Ownership..PTG Is Alive & Well, gluing, go-bar press, How To Fix Defective Soundboards In A Few Minutes, International relations, involvement, mis-diagnosed, name, of the Taipei PT Association, Part 2, piano scale design & construction, Pinblock Removal Using A Circular Saw, preparation for, professionalism, PTG convention & technical institute 1992 preview, PTG franchised membership classification title, quality materials, rebuilding, restringing, Ribbon-Cutting Cer. Offi. Opens New PTG Home Office In Kansas City, Sacramento Side Trips, Shimming, Soundboard Crack Repair, Throw Out the Tuner.. & Move In The Piano, Tuning Corner, Tuning Stability - What Is It?, What's In A Name?

July 1992
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| "A Temperamental Journey", by Owen Jorgensen | Collier, Colette |
| American Music Conference... New Focus, Major Changes | |
| Aural Tuning For Visual Tuners | Swafford, Kent |
| Cheap at Twice the Price | Collier, Colette |
| Education and Participation: Valuable Resources for Your Profes- | Zeringue, Nolan |
| In Memory... Robert E. Musser | Musser, Ruth |
| Logo... Or No Go? | Bowman, Keith |
| Piano Service Promotional Activities Today and in the Future | Berry, Ronald L. |
| Pinblock Removal Using a Reciprocating Saw | Gravagne, Nick |
| The Sights & Sounds Of Sacramento | Bryant, James G. |
| The Sights and Sounds of Sacramento | Bryant, Jim |
| The Sound Board | Huether, Charles P. |
| There are Details ... & Then  There ARE Details | McKlveen, Ben |
| Tuning Stability-What Is It? Part 2 | Fenner, Klaus |

## KEYWORDS:

"A Temperamental Journey", 1992 convention and technical institute preview, AMC, American Music Conference... New Focus, Aural Tuning For Visual Tuners, best season to tune, Book review, business, by Owen Jorgensen, Cheap At Twice The Price?, conventions, Death Notice, Economic affairs, Education & Participation: Valuable Resources For Your Profession, electronic tuners, estimates, historical temperaments, humidity, In Memory... Robert E. Musser, inharmonicity, involvement, Logo... Or No Go?, Major Changes, Music Industry development, Part2, Piano Service Promotional Activities Today and in the Future BUSINESS International Relations, Pinblock Removal Using A Reciprocating Saw, price setting decisions, PTG logo, PTG marketing, rebuilding, redesign & usage, restringing, seminars, site and attractions, Steinway, temperament, The Sights & Sounds Of Sacramento, The Sights and Sounds of Sacramento PIANO TECHNICIANS GUILD Convention, The Sound Board, There are Details ... & Then  There ARE Details TUNING Tuning Corner, tuner's skill, tuning, Tuning Stability - What Is It?, weather, workshops

August 1992
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| And Relating To Bearings, Trying To Find Ours | Harvey, Jim |
| And Relating To Bearings, Trying To Find Ours | Huether, Charles P. |
| De-Mystifying Electronic Player Systems | Kemper, Mike |
| Fitting the Pinblock to the Flange | Gravagne, Nick |
| From The Mailbag | Harvey, Jim |
| International Relations | Huether, Charles P. |
| Shank Sleeves On The Rise (Part 2) | Beaton, Dick |
| Speaking Of Mechanics | Day, Chris |
| Speech By Charlie Huether | Berry, Ronald L. |
| Stability Tuning Technique Part 1-Setting a Stable Pin | Bowman, Daniel |
| Technical Forum | Harvey, Jim |
| Temperament Refinement Procedures | Swafford, Kent |
| The Public's Right To Know | Henry, Fern |
| The Shank Sleeves Are Gonna Rise Again | Brannin, Larry T. |

## KEYWORDS:

"The Unknown Artist", 1989, And Relating To Bearings, bearing point friction, bearing vs temperament, checks, contiguous intervals, De-Mystifying Electronic Player Systems, digital media, false beats, film shown, Fitting The Pinblock To The Flange, From The Mailbag, information age, International Relations, Japan, MIDI interface, nomenclature, notching, Part 1, pin flex, plate flange, PTG publicity, screwdriver collar from, Setting A Stable Pin, setting strings at bridge pins, Shank Sleeves On The Rise (Part 2), sleeve and shank segments as cutting gauge, Speaking Of Mechanics, Speech at Kyoto, Speech By Charlie Huether INTERNATIONAL International Relations, Stable Tuning Techniques, string elasticity, string speaking length, Technical Forum, Technical Forum format, Temperament Refinement Procedures, termination points, The Public's Right To Know, The Shank Sleeves Are Gonna Rise Again, tool for setting strings at bridge pins, tools, Trying To Find Ours, tuning tests, upright, vertical hammer repair

September 1992
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| Adapting Microsoft Works for DOS to a Piano Tech's Business Needs | Gardner, Larry |
| At Your Service | Collier, Colette |
| Committed to the Task | Henry, Fern |
| Gluing in the Pinblock | Gravagne, Nick |
| In Memory... James H. Shadd | |
| In Memory... Roger Lowell McRoberts | |
| Plate Fastener Tightness As Part Of Regular Service | Harvey, Jim |
| Sacramento Convention.. Time Tested Tradition.. PRogram of Progre | |
| Stable Tuning Technique Part 2-Setting a Stable String | Bowman, Daniel |

## KEYWORDS:

1992 convention & technical institute review, Adapting Microsoft Works For DOS To A Piano Technician's Business, At Your Service, bearing point friction, bolts, Committed To The Task, database, Death Notice, development, elasticity, Gluing In The Pinblock, height, In Memory... James H. Shadd, In Memory... Roger Lowell McRoberts, invoicing, mail merge, Part 2, PC computer applications, Plate Fastener Tightness As Part Of Regular Service, programs, PTG Chapter service, PTG committee restructure & appointments, Sacramento Convention.. Time Tested Tradition.. Program of Progress, screws, Setting A Stable String, Stable Tuning Techniques, To rim, tuning lags

October 1992
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| Alpha News, Washington DC Newsletter | |
| At Your Service | Collier, Colette |
| Buffalo Newsletter | McNeil, Thomas |
| Coming to Consensus | Henry, Fern |
| Doweling The Pinblock | Gravagne, Nick |
| Hyatt Regency Sacramento: 35th Annual Convention & Technical Inst | Henry, Jami |
| Indy 440, Indianapolis Newsletter | Thgil, Noj |
| Mason and Rich 9' Grand Donated To George Brown College | Fleming-Read, Anne |
| Mason and Risch 9' Grand Donated to George Brown College | Staff |
| Newsletter Clipping | Harvey, Jim |
| Northern Virginia Newsletter | Sapp, David |
| Piano e Forte, Eugene Oregon Newsletter | De Tar, Brian |
| Piano e Forte, Eugene Oregon Newsletter | Neiderhiser, Steve |
| Promote Proper Piano Care With PTG Business Aids | |
| Promoting Your Business & Pianos: Using the New PTG Business Aids | Spurlock, Bill |
| Sacramento Convention Test Center Report And Examiner Recognition | Travis, Michael |
| Stable Tuning Technique Part 3 - Setting a Stable Pin/Sting Unit | Bowman, Daniel |
| Technical Form | Harvey, Jim |
| The Keybed, Connecticut Newsletter | Gina, Bonfietti |
| What is the PTG Foundation | Dornfeld, Bruce |

## KEYWORDS:

abrasives, Alpha News, At Your Service, brochures, Buffalo Newsletter, Chapter meeting technical question & answer session, client newsletter, Coming To Consensus, Connecticut Newsletter, Doweling The Pinblock, Eugene Oregon Newsletter, gadgets, grand key upstop rails, Grand Trap, Guilds, hammer trimming felt for paint brush, hinge rattle, historical archive, history, hitch pin breakage?, Hyatt Regency Sacramento: 35th Annual Convention & Technical Institute, hygrometer, Indianapolis Newsletter, Indy 440, installing upright hammer spring rails, lubricants, marketing, Mason and Rich 9' Grand Donated To George Brown College, Mason and Risch 9' Grand Donated to George Brown College INDUSTRY Inside Story, museum, Newsletter Clipping, Northern Virginia Newsletter, origins, Part 3, pedal box repair, photographic review of 1992 institute, Piano e Forte, pin twist, pressure bar, Promote Proper Piano Care With PTG Business Aids, Promoting Your Business And Pianos: .. The New PTG Business Aids, PTG chapter competition, PTG exam, PTG membership classification, rebuilding, Registered tuner technician vs. registered piano technician, research resources, restringing, RTT vs RPT, Sacramento Convention Test Center Report And Examiner Recognition, scotch-brite, Setting A Stable Pin/String Unit, Stable Tuning Techniques, string bearing friction, string breakage, technical bulletins, Technical Form, Technical Forum, The Keybed, thermometer, tools, unusual design modifications to piano, upright, v-bar, vertical string spacing, Washington DC Newsletter, What Is The PTG Foundation?

November 1992
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| 36th Annual Sacramento Convention & Technical Institute, 92 Revie | Harvey, Jim |
| A Fat Pitch | Kiel, Mitch |
| A Museum of Piano Technology | Dornfeld, Bruce |
| A Visit to England | Juhn, Ernie |
| Custom Grand Hammer Installation | Harvey, Jim |
| Don't Be Afraid Of Square Pianos | Harvey, Jim |
| European Tour Planned for '93 | Berry, Ronald L. |
| Expanding Income Via No Pressure Marketing | Harvey, Jim |
| From The Bottom Up | Harvey, Jim |
| Gulbransen MIDI-Piano Retrofit | Harvey, Jim |
| Introspective | Valley, Donald S. |
| Managing Your Time | Harvey, Jim |
| MIDI, For Non-MIDI Persons | Harvey, Jim |
| Pinblock Layout & Cutting: Another Look | Gravagne, Nick |
| Reliable Grand Regulating | Harvey, Jim |
| Restoring The Vertical Keys & Action | Harvey, Jim |
| Shop Procedures For Fun & Profit | Harvey, Jim |
| Steinway Design: Form Follows Function | Wood, Doug |
| Steinway On Stage | |
| The Disposal Of A Piano Service Business | Harvey, Jim |
| The False Beat Stops Here | Harvey, Jim |
| Time Is Money | Smith, Evelyn |
| Topic A: Associates | Henry, Fern |
| Tuning with Hearing Aids? Certainly! | Bowman, Daniel |

## KEYWORDS:

1992, 1992 technical institute class review, 36th Annual Sacramento Convention & Technical Institute, 92 Review, A Fat Pitch, A Museum of Piano Technology PIANO TECHNICIANS GUILD Foundation News, A Visit To England, Another Look, Associates, Business, Custom Grand Hammer Installation, Don't Be Afraid Of Square Pianos, economy, encouraging upgrade examinations, European Tour Planned For 1993, Expanding Income Via No Pressure Marketing, For Non-MIDI Persons, From The Bottom Up, Gulbransen MIDI-Piano Retrofit, humorous, installing new, international relations, Introspective, involvement, lecture-performance, Make Plans To Attend, Managing Your Time, Marketing, MIDI, Pinblock Layout & Cutting, prejudice against, price ranges, PTG membership classification, rebuilding, Reliable Grand Regulating, Restoring The Vertical Keys & Action, restringing, rights, Shop Procedures For Fun & Profit, special features for piano sound, Steinway Design: Form Follows Function, Steinway On Stage, The Disposal Of A Piano Service Business, The False Beat Stops Here, Time Is Money, Topic A: Associates, Tuning With Hearing Aids? Certainly!, types

December 1992
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| Anatomy Of A National Technical Institute | Juhn, Ernie |
| And While Your At It | Harvey, Jim |
| Budgeting For the Future | Henry, Fern |
| Buffing The Apple | Kiel, Mitch |
| Chris' Perspectives | Day, Chris |
| Computers And Software | Harvey, Jim |
| Drilling Tuning Pin Holes | Gravagne, Nick |
| Heating & Cooling As Told By the Piano | Bowman, Daniel |
| In Memory... Melvin J. Light | |
| In Memory... Walt Thatcher | Reichert, Bill |
| Update On Key Leads And Termites | La Motta, Ray |
| What Is Your Time Worth? | Harvey, Jim |
| Wrapping Up 1992 & Venturing Onward | Harvey, Jim |

## KEYWORDS:

adhesives, airflow, Alternate tunings, Anatomy Of A National Technical Institute, And While Your At It, As Told By The Piano, Budgeting For The Future, Buffing The Apple, ceiling fans, Chris' Perspectives, Computers And Software, cost constraints, Death Notice, Drilling Tuning Pin Holes, epoxy, Heating & Cooling, historical temperaments, humor, In Memory... Melvin J. Light, In Memory... Walt Thatcher, influence of humidity on pitch, installing new pinblock, Lotus Works, marketing ourselves, mini- regulation, new directions, PC Computer applications, PFS, planning & preparation, programs, PTG services, public building air handler systems, rebuilding, Restringing, Technical Forum, tuning, Update On Key Leads And Termites, vermin, Vikane gas, What Is Your Time Worth?, Wrapping Up 1992 & Venturing Onward

January 1993
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| Active Chapters, Strong Guild | Henry, Fern |
| At Your Service | Collier, Colette |
| Comparing Interval Beat Speeds Intuitively | Bowman, Daniel |
| Historic Milwaukee Offers Visitors Glimpses Into the Past | Marten, James and Linda |
| Historic Milwaukee Offers Visitors Glimpses Into The Past... | Marten, James & Marten, Linda |
| In Memory...Harold Standring | Woitasek, Walter J. |
| Knowledge on Tap | Neie, Gary |
| PTG Dues Due January 1 | |
| The 1993 PTG Tour Of Europe | Hilbert, Ed |
| The Right Way, The Wrong Way and ""My"" Way | Harvey, Jim |
| The Right Way, The Wrong Way, And "My" Way | Harvey, Jim |
| Tuning Pin Torque & Tuning That Too-Tight Pin | Gravagne, Nick |

## KEYWORDS:

1993, 1993 PTG Convention and Technical Institute Preview, 1993 PTG Convention Preview, 1993 PTG European Tour Preview, Active Chapters, And "My" Way, At Your Service, Come See What's Brewing In '93!, Comparing Interval Beat Speeds Intuitively, comparison of beat rates, contour, Death Notice, effect on touch weight, experience, grand jack shape, Historic Milwaukee Offers Visitors Glimpses Into the Past PIANO TECHNICIANS GUILD Convention, Historic Milwaukee Offers Visitors Glimpses Into The Past..., In Memory...Harold Standring, intervals, Knowledge On Tap, Learning, Milwaukee sites, on the job training, points of interest, preparation, PTG Chapter activities, PTG Dues, PTG Dues Due January 1, repetition lever window, services, State regional seminar planning, Strong Guild, The 1993 Piano Technicians Guild Tour Of Europe, The Right Way, The Wrong Way, training options, Tuning Pin Torque & Tuning That Too-Tight Pin TUNING, Tuning test

February 1993
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| Advancing Our Profession Through Education | Henry, Fern |
| An Abridged Treatise on CPL's, CLP's and Action Centers | Harvey, Jim |
| At Your Service | Collier, Colette |
| Before You Unstring That Piano-Look! | Gravagne, Nick |
| Five Lectures on the Acoustics of the Piano | Brady, Steve |
| Five Lectures On The Acoustics Of The Piano, by Askenfelt, Anders | Brady, Steve |
| In Memory... Daniel J. Goodwin | |
| Industry News | |
| Milwaukee Spells Knowledge in 1993 | Neie, Gary |
| Milwaukee's First Class Attractions Await 1993 Conventioners | Marten, James and Linda |
| Milwaukee's First-Class Attractions Await 1993 Conventioners | Marten, James & Marten, Linda |
| New Technical Bulletin Available, Finish Care | |
| Reconciling Sound & Numbers | Ballard, Bill |

## KEYWORDS:

1993 PTG convention & Technical Institute preview, 1993 PTG convention preview, Advancing Our Profession Through Education, An Abridged Treatise on CPL's, Anders, At Your Service, attractions, Before You Unstring That Piano - Look, Book Review, bushing manufacture & wear, by Askenfelt, center pin lubricants, Chapter programs, CLP's and Action Centers, Death Notice, documenting work, Environmental heat, Fandrich piano, Finish Care, Five Lectures On The Acoustics Of The Piano, Five Lectures on the Acoustics of the Piano REVIEWS Book Review, illusion, In Memory... Daniel J. Goodwin, Industry News, left brain tuning, Milwaukee Spells Knowledge, Milwaukee's First Class Attractions Await 1993 Conventioners PIANO TECHNICIANS GUILD Convention, Milwaukee's First-Class Attractions Await 1993 Conventioneers, New Technical Bulletin Available, organized educational program, Piano & Keyboard magazine, preparation for PTG Exam, pre-rebuilding measurements, Rebuilding evaluation, Reconciling Sound & Numbers, right brain, sites, subject or objective judgments, survey, verdigris

March 1993
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| A Temperamental Journey | Hudson-Brown, Karen |
| At Your Service | Collier, Colette |
| Chinese Pianos: over 60 Manufacturers or just the big 4? | Hong, Yat-Lam |
| Come Early - Stay Late For A Wisconsin Family Vacation | Marten, James & Marten, Linda |
| Come Early, Stay Late For a Wisconsin Family Vacation | Marten, James and Linda |
| Defining Ourselves | Henry, Fern |
| Kids for Keys, Students, Teachers, & Technicians Combine Efforts | Grassi, Jeannie |
| Milwaukee Offers Opportunity, Opportunity, Opportunity! | Neie, Gary |
| Plastic Proves To Be Superior To Wood In A Quality Piano Action | |
| Preventing Menu Fatigue | Harvey, Jim |
| Rationalizations: First in a Series on Grand Action Regulation | Mannino, Don |
| Stringing: Neat Coils & Other Consideratons | Gravagne, Nick |
| Technical Bulletin #5-Finish Care | Spurlock, Bill |
| Tighten Up Jack ! | Ballard, Bill |
| Tighten Up, Jack! | Ballard, Bill |

## KEYWORDS:

1993 PTG Convention & Technical Institute Preview, 1993 PTG Convention Preview, A Temperamental Journey, At Your Service, Book Review, by Owen Jorgensen, case finish care, check plate bolts and tuning pin tightness, Chinese piano manufacture, Chinese Pianos: Over 60 Manufacturers Or Just The Big 4?, Come Early, Come Early - Stay Late For A Wisconsin Family Vacation, Defining Ourselves, driving tuning pins, education, historic temperaments, International relations, Jack!, jacks, Kawai advertisement, Kids for Keys, Me & The Tuning Pin, Milwaukee Offers, new Technical Forum format, Opportunity, Opportunity!, optimize performance vs. setting to standards, Piano teacher relations, plastic action parts, Plastic Proves To Be Superior To Wood In A Quality Piano Action, Preventing Menu Fatigue, Promoting piano & music, promoting PTG with teachers and public, PTG marketing support for your business, PTG membership classification, purpose of regulating, Rationalizations: Grand Regulation, rebuilding, restringing, role in training, sites and attractions, Stay Late For a Wisconsin Family Vacation PIANO TECHNICIANS GUILD Convention, Stringing: Neat Coils & Other Considerations, Students, Submitting articles for PTJ, Teachers, Technical Bulletin #5 - Finish Care, Tighten Up, Tighten Up Jack ! TUNING Between You, tuning preliminaries

April 1993
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| Agenda PTG Board of Directors, Jan 1993 | Kistler, Sharla |
| Anatomy Of A National Technical Institute | Juhn, Ernie |
| Fandrich Piano Company Gain Recognition on National Public Radio | |
| Focusing on the goal: Second in a Series on Grand Action Regulation | Mannino, Don |
| Franchised & Non-Franchised Membership: A Brief Explanation | Boone, Danny L. |
| How Do You SPELL Success | Henry, Fern |
| In Memory... Ernest Dege | Rudder, Eugene |
| In Memory... Owen A. Hatch | McNeil, Thomas |
| Institute Update | Neie, Gary |
| Mutes & the Tuning Pattern | Ballard, Bill |
| NAMM '93 | Harvey, Jim |
| Shopping In Greater Milwaukee | Marten, Linda |
| Stringing Tidbits | Gravagne, Nick |

## KEYWORDS:

1993 NAMM show exhibit review, 1993 PTG Convention Preview, Agenda PTG Board of Directors, Anatomy Of A National Technical Institute, attractions, Death Notice, Fandrich piano, Fandrich Piano Company Gain Recognition on National Public Radio, Focusing on the Goal: Grand Action Regulation, Franchised & Non-Franchised Membership: A Brief Explanation, grand regulating, How Do You Spell Success?, In Memory... Ernest Dege, In Memory... Owen A. Hatch, Industry news, Institute Update PIANO TECHNICIANS GUILD Institute Update, Jan 1993, Mutes & The Tuning Pattern, muting and tuning sequence patterns, NAMM '93, optimal performance standard, piano promotion, Planning & preparation for PTG Convention and Technical Institute, power transfer, PTG Board actions, PTG membership classification, rebuilding, restringing, Shopping In Greater Milwaukee, sites, SPELLS Study of Piano Enhances Learning and Life's Success, Stringing Tidbits

May 1993
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| At Your Service | Collier, Colette |
| Craftsmanlike Key Repair | Harvey, Jim |
| Dressing The Capo Bar | Gravagne, Nick |
| Fine Dining In Milwaukee | Marten, Linda and James |
| In Memory... Joseph Lee Thomas | Sprinkle, Jack |
| In Memory... Robert Kenneth Perkins | Russell, Bob |
| Institute Update | Neie, Gary |
| NAMM Show & Tag-Effective Quality Key Repairs | Harvey, Jim |
| Proposed Changes To Bylaws, Regulations, and Codes - 1993 | |
| Prospecting By Phone | Wood, Doug |
| Soundboard Crack Repair Tools | Sadler, William |
| Tuning Patterns in Practice | Ballard, Bill |
| We Asked...You Answered | Henry, Fern |
| What Is Voicing & Who Cares? | Davis, Bob |

## KEYWORDS:

1993 NAMM exhibit review, 1993 PTG Convention & Technical Institute Preview, 1993 PTG Convention and Technical Institute Preview, 1993 PTG Convention Preview, and Codes - 1993, At Your Service, Broken key repair, Chapter project piano, Craftsmanlike Key Repair, Death Notice, Dressing The Capo Bar, Fine Dining In Milwaukee, In Memory... Joseph Lee Thomas, In Memory... Robert Kenneth Perkins, Institute Update, NAMM Show Tag & Effective Quality Key Repair, pattern, preliminary checks, Proposed Changes To Bylaws, Prospecting By Phone, PTG Constitution changes, PTG services survey results, rebuilding, Rebuilding, Regulations, restringing, rough tuning, sites and attractions, soundboard, Soundboard Crack Repair Tools, telephone appointment scheduling, The Survey Says, tools & equipment, Tuning Patterns In Practice, tuning sequence, voicing, We Asked... You Answered, What is Voicing & Who Cares?

June 1993
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| 1993 Institute Class Descriptions | Neie, Gary |
| A Few Good Tips On Trapwork | Harvey, Jim |
| An Associate By Any Other Name | Henry, Fern |
| At Your Service | Collier, Colette |
| Chapter Mentorship Program Offers Support to Associates | Grassi, Jeannie |
| Dual Damper Lift Rods | Duncan, Stephen |
| Institute Update | Neie, Gary |
| Making Changes In This Old House | Goldsmith, Larry |
| Marketing Executive Coming To Milwaukee | Bowman, Keith |
| Measuring Inharmonicity Using Continuous Excitation | Scott, Robert |
| Muffler (Practice) Rail Problems | |
| On The Wrong Side of A-440 | Ballard, Bill |
| Pros & Cons, Letters | Blees, Willem |
| The "I hate my piano & what can I do about it? " Series | Gravagne, Nick |
| The Steinway Pedal Pivot | Sloane, Ken |
| Totally Tubular Trap Levers | Foye, Gerald F. |
| Trains, Planes & Automobiles | Marten, Linda and James |

## KEYWORDS:

1993 convention preview, 1993 counsel, 1993 Institute Class Descriptions PIANO TECHNICIANS GUILD Convention, A Few Good Tips On Trapwork, alternate, An Associate By Any Other Name, Associate member classification, At Your Service, Chapter Mentorship Program Offers Support to Associates, Chapter Programs, Chapter programs, Demanding Customers, Dual Damper Lift Rods, effect on piano structure, evolution, factory tours, history, humidity, Institute Update, Letters, logo, Lyre Repair, Making Changes In This Old House, Marketing Executive Coming To Milwaukee, Measuring Inharmonicity Using Continuous Excitation, Muffler (Practice) Rail Problems, On The Wrong Side Of A-440, other, piano evaluation, Pitch standard, Planes & Automobiles PIANO TECHNICIANS GUILD Convention, Pros & Cons, PTG marketing and long range planning, PTG organizational change, reader response to membership classification, Recond., research electronic equipment, Technician Forum, The "I Hate My Piano & What Can I Do About It?..." Series, The Steinway Pedal Pivot, theory, thorough complete service, Totally Tubular Trap Levers, training, Trains, upright & grand Trapwork, upright aluminum trap repair, Upright middle pedal, upright split damper lift rods

July 1993
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| At Your Service | Collier, Colette |
| Flameless Heat Torch | Spurlock, Bill |
| In Memory... Charles Sherwood | Buyce, Harold R. |
| Introducing Tech Bulletin #6 | |
| Milwaukee, To Go, Or Not To Go | Harvey, Jim |
| One-Day Seminars, An Inexpensive Way To Get Quality | Blees, Willem |
| Seeking Directions, Setting Goals | Henry, Fern |
| Seeking Directions, Setting Goals | Henry, Fern |
| Take A Break...Go Visioning | Goldsmith, Larry |
| The "I hate my piano" Series Part 2 | Gravagne, Nick |
| The Good Ol' Days | Guthrie, Ward |
| The Hammer Meets The String | Davis, Bob |
| The Piano Man | Brady, Steve |
| The Voicing Rail | Severance, David |
| Voicing & Egg On My Face | Dragone, John |
| Wear, Friction and Geometry, Third in a Series on Grand Action Regulation | Mannino, Don |

## KEYWORDS:

The Piano Man, 800 number, action reconditioning, An Inexpensive Way To Get Quality, and Geometry, anecdote, At Your Service, awards, Book Review, brain storm, burning shanks, Chapter classification, Chapter programs, computer bulletin board, convention, Death Notice, Demanding customer, down weight, equipment, Experiment with voicing, Flameless Heat Torch, flange centers, Friction, grand regulation, hammer support rail, humor, In Memory... Charles Sherwood, Introducing Tech Bulletin #6, Jensen Tools, knuckles, learning process, major repairs, Master Ultra Torch UT100SI, Milwaukee, mystery, Noreen, One-Day Seminars, Or Not To Go, organizational vision, people skills, physics of sound, piano evaluation, piano tuner fiction, PTG Goals & services, PTG Tuning Exam, rebuilding, regulating, Seeking Directions, Setting Goals, Setting Goals PIANO TECHNICIANS GUILD President's Message, Take A Break...Go Visioning, Technical Bulletin Series, The "I Hate My Piano" Series, The Good Ol' Days, The Hammer Meets The String, The Voicing Rail, thorough complete servicing, To Go, training, up weight, voice mail, Voicing & Egg On My Face, voicing tool, Wear

August 1993
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| A Long Day's Journey Into Night | |
| A Rebuilder's Soundboard Press for the 90s | Hughes, David G. |
| At Your Service | Collier, Colette |
| Dampp-Chaser Electronics Announces New Humidity Stabilization System | Staff |
| Hammers, Internal Forces At Work | Davis, Bob & Erwin, Dale |
| Hammers: Internal Forces At Work | Bob Davis, Dale Erwin |
| In Memory... Stanley Oliver | |
| Jon Light of Kimball At Martin Music | McLuckie, Ian |
| Perceptions & Perspectives | Harvey, Jim |
| Perceptions & Perspectives | Harvey, Jim |
| Perceptions & Perspectives | Harvey, Jim |
| Setting Standards | Henry, Fern |
| Take A Break...Go Visioning | Goldsmith, Larry |
| The Basics of Good Piano Tone | Gravagne, Nick |
| The Keyframe - Fourth in a Series on Grand Action Regulation | Mannino, Don |
| Tuning On a Leash | Ballard, Bill |

## KEYWORDS:

A Long Day's Journey Into Night, A Rebuilder's Soundboard Press For The 90's, A-440, Action center shrinking vs lubricant, ACTION Everyday Voicing, At Your Service, bedding, bridge, Chapter Newsletter Awards, Customer relations, Dampp-Chaser Electronics Announces New Humidity Stabilization System INDUSTRY Industry News, Death Notice, definition of good tone, Grand regulation, Hammer structure, Hammers, Hammers: Internal Forces At Work PARTS, In Memory... Stanley Oliver, Internal Forces At Work, Jon Light of Kimball At Martin Music REVIEWS Chapter Program Review, keyframe, manufacture, Perceptions & Perspectives, physics of piano sound, Pitch, PTG Exam, Reader's Letters, Rebuilding equipment, regulating and economic considerations, Restoring vintage pianos, rib, seasonal changes, Setting Standards, soundboard press, Steinway Tour, Take A Break...Go Visioning PIANO TECHNICIANS GUILD From the Home Office, The Basics of Good Piano Tone, The Keyframe, Tuning, Tuning On a Leash, turn of century grands, Voicing

September 1993
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| Brass Reactivating | Blees, Willem |
| Clippings, Vol. 2 | Harvey, Jim |
| Close Encounter of the Salad-Master Kind | Ballard, Bill |
| Close Encounter of the Same Kind | Bonham, David |
| Database Tips | Ballard, Bill |
| Effects of Hammer Bore On Escapement Friction | Powell, Sam |
| Flange Rebushing (#1) | Spurlock, Bill |
| Fluorescent Lights | Leary, Janet |
| Help Me Help you, Part II | Harvey, Jim |
| Introducing PACE, Professionals Advance through Continuing Educat | Henry, Fern |
| Key Regulation - Fifth in a Series on Grand Action Regulation | Mannino, Don |
| Lesson Plans: The PACE Curriculum | Henry, Fern |
| On the Road With Baldwin | Nemeth, Alan |
| Other Views of The Truth | Davis, Bob |
| Piano Tuning Near the End of Its Strings Unless Profession Can Recruit New Blood | Goldsmith, Larry |
| The 20-Minute Hammer Filing | Stratton, William |
| The Basics of Tone, Continued | Gravagne, Nick |
| The Circle of Thirds | Ballard, Bill |
| The Thomas Piano | Simmons, Ted |
| Thoughts On The PTG Examination Process | Margrave, Andrew |
| Titebond II | Leary, Janet |
| Too Bad For Words | Travis, Michael |
| Unison Tuning (#1) | Travis, Michael |
| Vegetarian Ivory | |
| Where, Oh Where to Pull | |
| With A Ratchet Wrench | |

## KEYWORDS:

Acoustics, Adhesives, alternate temperament, Brass Reactivating, Brass repair, bushing, Chapter Newsletter reprints, Class review by Kent Webb, Clippings, clippings, Close Encounter of the Salad-Master Kind, Close Encounter of the Same Kind, Continued, continuing education, Database, Database Tips, Decline in piano sales and tuning, dip, Doppler effect, Effects of Hammer Bore On Escapement Friction, escapement, fan, Flange Rebushing, Flange rebushing, fluorescent, Fluorescent Lights, friction, future of profession, hammer bore, Hammer Filing, heat treating, Help Me Help you, Introducing PACE, Introduction, ivory substitute, key regulating, Key Regulation, Keytop material, Lesson Plans: The PACE Curriculum PIANO TECHNICIANS GUILD President's Message, level, Lighting, modification to tools, obsolete parts, of Baldwin, Oh Where to Pull, On the Road With Baldwin, Other Views Of The Truth, over centering, PACE, Part II, Piano Tuning Near the End of Its String Unless ... New Blood, pictorial, pocket phone list, pounder, Professionals Advance through Continuing Education, PTG Exam, pulley keys, Removing grand actions, Restringing tool, routine maintenance, size of knuckle, sound distortion while tuning, Sound theory, Special tuning tool, spread action, square & space, strengthening old parts, Submitting articles to PTJ, The 20-Minute Hammer Filing, The Basics of Tone, The Circle Of Thirds, The Thomas Piano, theory & practice, Thomas piano, Thoughts On The PTG Examination Process, Titebond II, Too Bad For Words, Tuning, tuning distractions, Unison Tuning, unusual design, Vegetarian Ivory, Voicing, Vol. 2, Where, With A Ratchet Wrench, work environment

October 1993
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| Criminal Negligence In Piano Service | Smith, Virgil E. |
| Dampp-Chaser Honors Field Experts | Staff |
| Great Expectation: The PACE Checklist | Henry, Fern |
| Hard Tone Hard Hammers | Gravagne, Nick |
| Is There A Dope In Your Shop Too? | Davis, Bob |
| Key Bushing Field Repair (#2) | Spurlock, Bill |
| Knowledge On Tap In Milwaukee | |
| Knowledge On Tap In Milwaukee | Staff |
| Members of 5 Texas Chapters Represent PTG at Music Teachers Assoc | Wisenbaker, Martin |
| Milwaukee - Class Evaluation: Resolving Customer Complaints | Grassi, Jeannie |
| Milwaukee, There Was a Draft for You | Harvey, Jim |
| Residual Distortion & Tuning Stability | Boone, Danny |
| Telephone Techniques | Blees, Willem |
| The Bottom Line | Collier, Colette |
| Trade Relations | Wyatt, Jack |
| Tuning Hammer Sensitivity (#2) | Travis, Michael |
| William Braid White Library Donated | Henry, Fern |

## KEYWORDS:

1993 Convention class reviews, 1993 PTG Convention Review, angry customers, answering machines, car phones, chemical treatment, complete piano service, Continuing Education, control, Criminal Negligence in Piano Service, customer relations, Customer relations, Dampp-Chaser Honors Field Experts INDUSTRY Industry News, dissatisfied, distortion, economy pianos, ethics, Great Expectations, hammer technique, Hard Hammers, Hard Tone, Is There A DOPE In Your Shop Too?, juicing, Key Bushing Field Repairs, Key bushing repair, Knowledge On Tap In Milwaukee, Knowledge On Tap In Milwaukee PIANO TECHNICIANS GUILD Convention, Members of 5 Texas Chapters Represent PTG at Music Teachers Assoc., Milwaukee, PACE, phones, pictorial, PTG Convention & Technical institute review 1993 Milwaukee - Class Evaluation: Resolving Customer Complaints, PTG Development, PTG Library resources, Residual Distortion & Tuning Stability, sensitivity, setting pins, Spinets, Teacher relations, telephone manner, Telephone Techniques, The Bottom Line, The PACE Checklist, There Was a Draft for You, Trade Relations, Tuning Hammer Sensitivity, Tuning hammer technique, Tuning stability, Voicing, William Braid White Library Donation

November 1993
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| Alignment & Traveling - Sixth in a Series on Grand Action Regulation | Mannino, Don |
| In Memory... Edmond J. Langlois | Erwin, Dale |
| In Memory... Keith Hardesty | Hardesty-Lanter, Jo |
| In Memory... Robert Edward Bailey | |
| Putting Education First | Henry, Fern |
| Putting Education First | Henry, Fern |
| Readers Write Back, a.k.a. The Good the Bad & the Ugh! | Harvey, Jim |
| Readers Write Back, a.k.a. The Good the Bad & the Ugh! | Harvey, Jim |
| Regarding a Standard Pitch of A-440 | Huether, Charles P. |
| Setting Up the Technical Exam in Your Chapter | Spurlock, Bill |
| Soft Tone Soft Hammers | Gravagne, Nick |
| String Setting (#3) | Travis, Michael |
| Technical Forum | Harvey, Jim |
| Technical Forum | Harvey, Jim |
| Technical Forum | Harvey, Jim |
| The 1993 PTG European Tour | Hong, Yat-Lam |
| The Ins and Outs of Intervals | Kimbell, Michael |
| The Pencil | Nossaman, Ron |
| Vertical Shank Replacement (#3) | Spurlock, Bill |

## KEYWORDS:

1993 European Tour, a.k.a. The Good the Bad & the Ugh!, A-440, Alignment & Traveling, alignment & Traveling, anecdote, Center pin lubricant, chemical treatment, continuing education, Death Notice, ear protection, electronic amplifying, filing hammers, Grand Regulation, Hearing, Humor, In Memory... Edmond J. Langlois, In Memory... Keith Hardesty, In Memory... Robert Edward Bailey, intervals, journal illustrations, Lindner, McLub 1725, Microphone, music theory, PACE, Pitch standard, PTG Training, Putting Education First, Putting Education First PIANO TECHNICIANS GUILD President's Message, Readers Write Back, Regarding a Standard Pitch of A-440, reverse crown soundboard, Rippon, seasonal humidity conditions, set tuning pin, Setting Up the Technical Exam in Your Chapter, Sixth in a Series on Grand Reg., Soft Hammers, Soft Tone, Standard Pitch, String Settling, String settling, Technical exam, Technical Forum, The 1993 PTG European Tour, The Ins and Outs of Intervals, The Pencil, Thomas, Tuning, tuning hammer technique, Upright hammer shank replacement, Vertical Shank Replacement, Voicing, Zip-Slip

December 1993
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| A Plea For The Metric System | Asten, Ernest L. |
| Advice, Advice, Advice | Nossaman, Ron |
| At Your Service | Stephenson, Bob |
| Cedar Rapids Piano Dealers Work Together For Common Goal | Malloy, Dan |
| Closing The Files | Harvey, Jim |
| Don't Get All Torn Up | Spurlock, Bill |
| Elbow Removal Tip | Clark, Dean |
| File It Away . . | Davis, Bob |
| Hammer Work | Gravagne, Nick |
| Honing Your Nose For News | |
| Identifying Partials | Travis, Michael |
| Identifying Partials (#4) | Travis, Michael |
| In Memory... Philip Kahn | |
| In Memory... Ruth Ellen Vertrees Pollard | Wisenbaker, Beva Jean |
| Music In Our Lives | Russell, Ginny |
| New Genck Case | Genck, Bruce |
| Ninth-Partial Intervals | Levitan, Daniel |
| P.R. = Public Recognition | Henry, Fern |
| P.R.= Public Recognition | Henry, Fern |
| PTG Marketing Tools Review | |
| String Replacement with Hitch Pin Loop (#4) | Spurlock, Bill |
| Termite Update & Swollen Bushings | Lipnicki, Michael |
| The 1993 PTG European Tour Cont' | Hong, Yat-Lam |
| The Barrel | Beaton, Dick |
| The Ins and Outs of Beatless Intervals | Kimbell, Michael |
| Those Crazy Americans | Bryner, John C. |
| We Don't Need No Steekin' DOC Files | Harvey, Jim |

## KEYWORDS:

A Plea For The Metric System, Accu-tuner, acoustics, Adhesives, advice, anecdote, At Your Service, calibrating tools, Cedar Rapids Piano Dealers Work Together For Common Goal, center pin bushing cloth, Chapter programs, Closing The Files, composers, computer bulletin board software, credibility, Death Notice, Documentation, Don't Get All Torn Up, Elbow Removal Tip, File It Away..., filing, glue sizing, Goop, Hammer Work, history, Honing Your Nose For News, humor, Identifying Partials, Identifying Partials (#4) TUNING PACE, In Memory... Philip Kahn, In Memory... Ruth Ellen Vertrees Pollard, International relations, key easing, Left Fork, loop winder, media, media exposure, metric system, Music In Our Lives, New Genck Case, news release, Ninth-Partial Intervals, nippers, P.R. = Public Recognition PIANO TECHNICIANS GUILD President's Message, P.R.= Public Recognition, PACE, piano moving, plastic, program music, Promoting your business, PTG, PTG Marketing Tools Review, PTG Promoting, Public relations, public relations, publicity, reshaping Hammers, shaping, SPELL, String Replacement With Hitch Pin Loop, Termite Update & Swollen Bushings, The 1993 PTG European Tour, The Barrel, The Ins And Outs Of Beatless Intervals, Those Crazy Americans, tool case, tools, Tuning, tuning, tuning tests, voicing, Voicing, We Don't Need No Steekin' DOC Files, wire gauges

January 1994
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| "Bashing" Our Internal Cancer | Wyatt, Jack |
| Action Spread & Repetition Springs - Seventh in a Series on Grand Action Regulation | Mannino, Don |
| Against The Grain | Bob Davis, Dale Erwin |
| Against The Grain | Davis, Bob & Erwin, Dale |
| At Your Service | Grassi, Jeannie |
| Cut To The Present: Something New, And Arg #2 | Davenport, Richard |
| Focusing on Beats (#5) | Travis, Michael |
| Hammer Work, Filing - Resurfacing, A Photo Survey Continues | Gravagne, Nick |
| Hammers, Internal Forces At Work | Davis, Bob & Erwin, Dale |
| Mentoring | Henry, Fern |
| Overtones in a Nutshell | Kimbell, Michael A. |
| Panel Weighs Educational Opportunities | Drost, Michael |
| Piano Services, Tuning & Rebuilding 1993 (2nd Edition) | Johnson, Wade |
| RPTs: These New Business Aids Can Make You Rich and Famous | Spurlock, Bill |
| Something Old, New, Borrowed . Argh! | Harvey, Jim |
| Sources of Knowledge: Apparent & Obscure | Anderson, Richard |
| String Splicing (#5) | Spurlock, Bill |
| The Fandrich Piano Factory Tour | McDonald, Marvin |
| The PACE Academy: Get Your "Hands-On" Some Training | Brady, Steve |
| The Tuner | Monroe, Paul |
| To Criticize Or Not To Criticize...That Is The Question | Kadwell, Kenneth |

## KEYWORDS:

& Rebuilding, 1994, action regulating problems, Action Spread & Repetition lever Springs, Against The Grain VOICING Everyday Voicing, beat rate checks, beats, Book Review, bookmark, business practice, by Arthur A. Reblitz,, classes, coincident partials, Coleman beat locator, conduct, customer, customer relations, Dealer, education, emergency repairs,, Filing - Resurfacing, Filing Resurfacing, Focusing On Beats, gang filing, ghosting, Grand Action Regulation, Hammer filing, Hammer Work, Hammers, industry, industry relations, Internal Forces At Work, Knots, manufacturer relations, Manufacturing Review: The Fandrich Piano Factory Tour, Mentoring, mentoring, musical intervals, New Business Aids, new designs, newsletters,, Old and new methods, Overtones In A Nutshell, PACE,, Panel Weighs Educational Opportunities, Piano Servicing, piano technology schools, President's Message, profession, professional development, PTG Chapter services, PTG Convention & Technical Institute Preview, PTG recognition, PTG technical institute, public relations, Related arts publications, research, reshaping, sanding, Service records, shape, Sources Of Knowledge: Apparent & Obscure, strike tones, String Splicing, String Tying, teacher, The PACE Academy: Get Your "Hands-On" Some Training,, The Tuner, To Criticize Or Not To Criticize, trade, training programs, Training programs, Tuning, Tuning basics, Tuning tests, tutors, voicing

February 1994
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| A Special Report | Harvey, Jim |
| Bare bones Regulation | Anderson, Richard |
| Discoveries | Harvey, Jim |
| Hammer Filing (#6) | Spurlock, Bill |
| Help Wanted (Dealer Work) | Graham, Susan |
| Inharmonicity In a Nutshell | Kimbell, Michael |
| Needling: Probing & A Few Standard Techniques | Gravagne, Nick |
| Regulating The Wippen - Eighth in a Series on Grand Action Regulation | Mannino, Don |
| Setting Pitch (#6) | Travis, Michael |
| Southern California Area Exam Board | Smith, Kathy |
| SPELLS: Our Start In Richmond | Williams, Jesse |
| Structured Learning For All Levels | Brady, Steve |
| The Tuner, Part 2 | Monroe, Paul |
| Update On SPELLS | Henry, Fern |
| Who Put the "H" in the Whippen? | Ellis, Jim |
| Who's 90? | Goldsmith, Larry |

## KEYWORDS:

1994 Kansas City PTG Technical Institute Preview, 8th in series, A Photo Survey, A-440, action part nomenclature, action repair, Bare Bones Regulation, batteries, battery operated devices, battery types, business, coincident partials, common problem assessment, comprehensive piano servicing, customer, dealer, dealer floor tunings, dealer relations, education, general, Grand Action Regulating, grand action regulating, Hammer Filing re-shaping, history, Inharmonicity In A Nutshell, interval ratios, jack, local exam committees, manufacturer relations, member status upgrade, Music Industry cooperation, Needling: Probing & A Few Standard Techniques, new piano preparation, PACE, Piano Technicians Guild Foundation, PTG, PTG Chapter programs, PTG Tuning exam, public, Regulating the Whippen, repetition lever, sanding, setting pitch, Shoptalk, Structured Learning for All Levels,, teacher, Tech Talk, Technical Forum, Technostuff, the profession, The Tuner, theory, tone regulating, tools, training, tuner organizations, Tuner's Corner, tuning, Tuning, Voicing, Who Put the "H" in the Whippen?, William Braid White

March 1994
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| As Promised: Some Neat New Toys! | Harvey, Jim |
| Benches Benches Benches | Nossaman, Ron |
| Council Preview | Henry, Fern |
| Dr. Keyboard(How I Learned to Stop Worrying & Love Algebra) | Williams, Margie |
| Hammer Filing; Part II (#7) | Spurlock, Bill |
| In Memory, Dr. Earle L. Kent | |
| In Memory, Edward T. Brant | Preuitt, Ernest |
| Interplay of Intervals | Kimbell, Michael |
| Lost My Grip | Anderson, Richard |
| Minutes of the Executive Board Meeting of the PTG | Collier, Colette |
| Muting The Piano | Monroe, Paul |
| Pre-Convention European Tour Scheduled for May 1-10 | |
| Service Management | Blees, Willem |
| The 1993 PTG European Tour Contd | Hudak, Greg |
| The Keys To Success Part 1 of 2 | Bartnik, Bob |
| Tuning 2:2 Octaves (#7) | Travis, Michael |
| You Say Symposiums, I Say Symposia | Brady, Steve |

## KEYWORDS:

1994 Kansas City PTG Convention, action repair, advice, As Promised: Some Neat New Tools, beat rates, Benches, Box-O-Toys, bylaws, Council Preview, Customer relations, customer relations, damage, Death Notice, delamination, dissatisfied customer,, Dr. Earle L. Kent, education, Edward T. Brant, ethics, Hammer Filing, Hammer shaping jig, humor, I Say Symposia, In Memory, International Affairs, International relations, Interplay of Intervals, inverted intervals, key bushings, key repair, key shape variations, key tail widths, Keyboard, keytops, Left Fork, membership classification, mid-winter 1994, Minutes of the Executive Board Meeting of the PTG, Muting the Piano, PACE, Part II, Pinblocks, Pre-Convention European Tour Scheduled for May 1-10, professionalism, PTG, recovering keys, repairs, re-shaping, restringing, rubber mutes, sanding, sandpaper, Service Management, Technical Forum, Technical Institute Preview, Technostuff, temperament, temperament strip, The 1993 PTG European Tour, The Key To Success, The Tuner, tools, Tools, Tuner's Corner, tuning, Tuning, Tuning 2:1 Octaves, voicing block, Wrestplank, You Say Symposiums, Your Business

April 1994
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| Aftertouch & Action Travel - Ninth in a Series on Grand Action Regulation | Mannino, Don |
| Are We Too Hard On Hammer Hardening? | Gravagne, Nick |
| Chain of Intervals | Kimbell, Michael |
| Close Encounters of the Word Kind | Nossaman, Ron |
| From the Mail Bag ... and Hasta Later | Harvey, Jim |
| Greek Number and Music Theory | Wathen, Michael |
| Kansas City Will Offer An Excellent "Convention-Time" & "Family-Time" | Henry, Jami |
| Learning to "PACE" Ourselves | Day, Chris |
| Reeboks, Anyone? | Bauguess, David |
| Resolution On Educational Goals | Henry, Fern |
| Resolution On Educational Goals | Henry, Fern |
| Service Management | Blees, Willem |
| Setting The Temperament | Monroe, Paul |
| Something New For Everyone | Brady, Steve |
| String Breakage | Anderson, Richard |
| The Keys To Success Part 2 of 2 | Bartnik, Bob |
| There's A Sherlock Among Us!, Search for Golden Hammers | Collier, Colette |
| Tuning 4:2 Octaves (#8) | Travis, Michael |
| Vertical Regulation-Part I: Alignment (#8) | Spurlock, Bill |
| What's That Again | Schandall, Eric |

## KEYWORDS:

1994 Kansas City PTG Convention, 9th in series, action parts, Alignment, Anyone?, Are We Too Hard On Hammer Hardening?, beat rates, bibliography, business strategy, Chain of Intervals, class reviews, Close Encounters of the Word Kind HUMOR The Left Fork, Convention & Technical Institute, customer relations, Customer relations, Defebaugh F3-F4 Temperament, doping, drop, expanded of contracted, From the Mail Bag ... and Hasta Later, Grand Action Regulation, Greek Number and Music Theory, hammer Blow, hammer traveling, Hearing protection, historical temperament tuning & interval size, History & development of Music Theory and relation the math theories, inharmonicity, inner ear, intervals, inverted intervals, ivory, juicing, Kansas City Will Offer An Excellent Convention-Time & Family-Time, key bushings, key repair, keytops, lacquering, Learning to "PACE" Ourselves, moth proofing, PACE, Part 2 of 2, partials ratios, Piano Technician training, PTG, recovering keys, Reeboks, Regulating Aftertouch & Action Travel, Resolution On Educational Goals, Resolution On Educational Goals PIANO TECHNICIANS GUILD President's Message, review of 1994 institute, sandblasting, Search for Golden Hammer Awardees, Service Management, Something New For Everyone, string breakage due to too heavy playing, Tech Talk, Technical Form, Technical Forum, Technical Institute Preview, technical products review, Technostuff, temperament, The Balance of Let-off, The Keys To Success, The Temperament, The Tuner, There's A Sherlock Among Us!, tone regulating, Tuner's Corner, Tuning, Tuning Lesson #8 Tuning 4:2 Octaves, upright action, Vertical Regulation - Part I, vertical shank replacement, Voicing, What's That Again, Your Business

May 1994
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Articles

| TITLE | AUTHOR |
|---|---|
| 1994 Technical Institute Class Schedule | Goldsmith, Larry |
| Bicentennial Piano Display | Speir, Leon |
| Building Tone In The Soft Hammer | Gravagne, Nick |
| Climate Can Pitch a Whing, Dang, Doodle | Coleman, James W. |
| Damper Setting Weight Helps Grand Damper Installation | Spurlock, Bill |
| Encore, Encore! | Brady, Steve |
| Getting Around Kansas City | Goldsmith, Larry |
| Journal Changes Old & New ... | Goldsmith, Larry |
| Lewis F. Herwig: 1918-1994 | Harvey, Wirt |
| Loving Imperfect Inharmonic Pianos | Swafford, Kent |
| NAM M ' 94 Show Part 1 Review | Hong, Yat-Lam |
| Never Tighten or Loosen the Pressure Bar? | Mollberg, Bernard |
| New Educational Ventures | Henry, Fern |
| Positive Outlook Is Key To Success For Inactive or New PTG | Durben, David |
| Preserving Piano Technician History | Goldsmith, Larry |
| Public Recognition of PTG and RPT | Spurlock, Bill |
| Reminder Cards Are Essential Ingredient For Repeat Business | Brooks, Vivian |
| Reminder Cards Are Essential Ingredient for Repeat Business | Brooks, Vivian |
| Setting The Temperament, Part 2 | Monroe, Paul |
| Technician Sees the Light | Bartnik, Bob |
| Technostuff | Anderson, Richard |
| The Magic Circle of Fifths | Kimbell, Michael |
| To Tap or Not to Tap | Travis, Michael |
| Tuning 6:3 Octaves (#9) | Travis, Michael |
| Use Vacuum Cleaner ... For Cleaning Pianos | Sadigursky, Isaac |
| Vertical Regulation-Part II : Alignment (#9) | Spurlock, Bill |
| Voicing - Witho0ut Needles | Davis, Bob |
| Wippen Springs-101 | Mannino, Don |

## KEYWORDS:

1994 Technical Institute Class Schedule, Action Regulation, Alignment, also: PTJ Aug. '75 pg. 19, auxiliary springs, backcheck, Behrent 1775 piano, Bicentennial Piano Display, bridge bearing, bridle wire alignment, Building Tone in the Soft Hammer, causes, Climate Can Pitch a Whing, contiguous thirds, continued from Mar 94, Convention/Institute Review, Cultivating Artisans, damper lever setting jig, Damper Setting Weight Helps Grand Damper Installation, Dang, death notice, Doodle, Effects of humidity on pitch of unison strings, Encore, equal temperament, Getting Around Kansas City, hands on trading projects, historical pianoforte, historical tuning methods, In Memory, Institute Update, Journal Changes Old & New ... Tuner organizations & publications, Kansas City, key height, key weighting, lacquering, lamps, Lewis F. Herwig, Loving Imperfect Inharmonic Pianos, low mid-range & bass tuning, m3-M6 test, manufacturer's new products, mathematically imprecision benefits the musical character, NAMM Show '94, Never Tighten or loosen the Pressure Bar, New Educational Ventures, Obituary, Oct. 76, PACE, pg. 17, piano industry, Positive Outlook Is Key To Success For Inactive or New PTG Chapters PIANO TECHNICIANS GUILD Review, predictable changes, Preserving Piano Technician History, PTG library, Public Recognition of PTG and RPT PIANO TECHNICIANS GUILD Marketing Ourselves, Q & A, rather than detracting from it, Reminder Cards Are Essential Ingredient for Repeat Business, Reminder Cards Are Essential Ingredient For Repeat Business BUSINESS Review, shaping, spacing, squaring, tapping string down on bridge, Technical editor, Technician Sees the Light, Techno-Stuff, temperament setting, The Magic Circle of Fifths, The Tuner, Tips, To Tap Or Not To Tap, Tools, touch weight, tuning, Tuning, Tuning 6:3 Octaves, Tuning Lesson #9, Use Vacuum Cleaner Suction and Blower Hoses Together for Cleaning Pianos, Vertical Regulating Part 2 , vertical upright restringing, Voicing, Voicing - Witho0ut Needles VOICING, wippen, Wippen Springs -101

June 1994
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| A Broken Tuning Pin? | Spurlock, Bill |
| A Tool For Shining Up Key Pins | Duncan, David |
| Auxiliary Exchange, Tempting Recipes & Much More | Tremper, Phyllis |
| Behold - The Upright | Valley, Don |
| Behold the Upright | Valley, Don |
| Boston Chapter Holds First Associates' Day | Stein, Israel |
| Damper Sockets Assist in Pulling Baldwin Spinet Actions | Smith, Bill |
| Defining Piano Technology terms | Swafford, Kent |
| Hey, I Like My Case! | Duncan, David |
| Inclusive or Exclusive? | Henry, Fern |
| It is a Vertical Piano Bridge | Hughes, David |
| James Lampiasi: 1915-1994 | |
| June Verdigris | Goldsmith, Larry |
| NAMM 94 Show Part 2 Review | Hong, Yat-Lam |
| Of Snow and Men | Bowman, Keith |
| PACE, Tuning Lesson #10, Tuning Just Fifths and Fourths - Part I The Basic Skills | Travis, Michael |
| Peter Anthony Hugo: 1925-1994 | |
| Quick Touch-Up for Buzzing Damper Felts | Smith, Bill |
| Setting The Temperament, Part 3 | Monroe, Paul |
| Shop Tips | Smith, Bill |
| Should I Get a Cellular Phone? | Potter, Randy |
| The Guilds Are Alive | Goldsmith, Larry |
| The Piano is Dead | Monroe, Paul |
| There's Still Time | Brady, Steve |
| Thoughts on Business Ethics | Wyatt, Jack |
| Trouble Shooting- The problem Grand Piano Action | Powell, Sam |
| Tuning Pin Diameters | Anderson, Richard |
| Vertical Regulation-Choosing Hammer Blow & Key Dip Settings | Spurlock, Bill |
| Vertical Shank Replacement | Elving, John |
| What about the Franklin Hide Glue? | Zimmerman, Dale |
| With Sincere Thanks | Margrave, Andrew |

## KEYWORDS:

3:2 Perfect Fifth & 4:3 Perfect Fourth, A Broken Tuning Pin, A Tool for Shining Up Key Pins, Action Geometry, action spread, Aftertouch and checking, Auxiliary Exchange, availability to customer s, backchecks, Behold - The Upright REBUILDING Behold the Upright, Behold the Upright, Boston Chapter Holds First Associates' Day, but an upright bridge, Caring for Sandpaper Files, cents, Choosing Hammer Blow & Key Dip Settings, communication, compromise, customer relations, Damper Socket Assist in Pulling Baldwin Spinet Actions, death notice, Defining Piano Technology Terms, Definition of the word "guild" & history of such organizations, dowel damper block on guide pin, Dynamic checks, equal temperament, flush with plate and tight pin, humor, In Memory... James Lampiasi, In Memory... Peter Anthony Hugo, Inclusive or Exclusive, Institute Update, It is a Vertical Piano Bridge, June Verdigris, Kansas City 94, Manufacturers, mass & friction, merits of servicing pianos style that are becoming obsolete, NAMM Show '94, Obituary, Of Snow and Men, PACE, photo in earlier issue not a negative reverse of grand bridge, Piano Industry, pitch change as a function of distance, PTG organizational philosophy, purpose, Q & A, repair Vs replacement, S Central PA Chapter news, Should I get a Cellular Phone?, specifics on setting a particular temperament continued from May '94, stretch, Techno-Stuff, Tempting Recipes & Much More, The Guilds Are Alive?, The Piano is Dead, The Problem Grand Action, The Tuner, theory, There's Still Time, Thought on Business Ethics, Trade Relations Committee, Trouble Shooting, Tuning Just Fifths and Fourths - Part I The Basic Skills, Tuning Lesson #10, Tuning pin variation and tolerance, Vertical Regulation, Vertical Shank Replacement, What about the Franklin Hide Glue? ADHESIVES Q&A, With Sincere Thanks PIANO TECHNICIANS Review

# Piano Technicians Guild
# EMERSON Database: 1979 -1999

July 1994
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| A Method For Using Brass Cauls | Sanderson, David |
| A Small Gift For Horowitz | Smith, Bill |
| A Tip For Fixing A Loose Treble Bridge Cap | Bartnik, Bob |
| A Tip from Bill Smith | Smith, Bill |
| A Valedictory Message | Henry, Fern |
| Agraffe Removal in Only 4 Easy Steps | Willanger, Susan |
| An Unusual Encounter | Young, Wilford |
| Associate Gets High Score | Bowman, Keith |
| Auxiliary Exchange | Krahmer, Phyllis |
| Backcheck & Repetition Springs: Finishing Off the Touch-Tenth in a Series | Mannino, Don |
| Business Resource Manual Available Now | Bowman, Keith |
| CA Glue Anchors Rubber Buttons | |
| Case Study: The Urban Technician | |
| Follow-up on setting Pressure Bars | Spurlock, Bill |
| Francis Manricks: 1913-1994 | Wagner, Lloyd |
| Indianapolis Chapter Presents Seminar | Scharbrough, Bill |
| Is the "Good Service" Responsibility a Part of Your Plan? | Henry, Jami |
| It's a Tuning Setback | Johnson, James H. |
| Journal Changes Create Questions | Gallaway, Kent |
| Journal Changes Create Questions.. | Goldsmith, Larry |
| Keep It Simple Simon | Elmer, Francis |
| Keybutton, Keybutton...Replacing a Set | Revenko-Jones, Paul and Oksana |
| Mousetraps Are Us .. What Do You Think? | Goldsmith, Larry |
| Octave Tuning | Monroe, Paul |
| Parts, Part 2 | Anderson, Richard |
| Roger A. Hamilton: 1924-1994 | |
| Temperament To the Top | Swafford, Kent |
| Temperament to the Top/Temperament to the Bottom | West,Richard,Swafford,Kent |
| Thank You For Your Support | Raup, Ron |
| The Buckskin: Animal of Choice? | Meyer, Karl R. |
| The Evaluation of Worth | Valley, Don |
| The Left-Handed Conclusion is Wrong | Kroeker, Stan M. |
| The Moor is not a Moor? | Huether, Charles |
| The Urban Technician | Goldsmith, Larry |
| Tuning Just Fifths & Fourths - Part 2 (#11) | Travis, Michael |
| Tuning Mutes From Hammer Scrap Felt | |
| Using The Accu-Tuner To Tune Historical Temperaments | Tremper, Fred |
| Vertical Regulation-Adjusting Lost Motion & Leveling Keys (#11) | Spurlock, Bill |
| William N. Reid: 1917-1994 | |

## KEYWORDS:

1994 Convention, A Small Gift For Horowitz, A Valedictory Message, Adjusting Lost Motion & Leveling Keys, alignment, An Unusual Encounter, anecdote, Associates Get High Score, Auxiliary Exchange, Backcheck & Repetition Springs: Finishing Off the Touch-Tenth in a Series on Grand Action Regulation ACTIONS Jul-94, Behold the Upright, Business Resources Manual Available Now, CA Glue Anchors Rubber Buttons ADHESIVES Tools, Case Study: The Urban Technician, cleaning, controlling instability while tuning, death notice, deer family preferred, double manual piano with coupler, Emanuel Moor, glossy paper, gluing procedure, heating key bushing cauls, High Treble tuning, humor, in June 95 issue, In Memory .. Francis Manricks, In Memory .. Roger A. Hamilton, In Memory .. William N. Reid, Indianapolis Chapter Presents Seminar PIANO TECHNICIANS GUILD Review, innovative thinking piano technicians, Is the "Good Service" Responsibility a Part of Your Plan?, Journal Changes Create Questions PIANO TECHNICIANS GUILD Letters, Journal Changes Create Questions.. New PTJ journal format, Keep It Simple Simon, key bushing, key height, Keybuttons .. Replacing a Set, life style, lubricating, mis-interpretation of photos, Mousetraps Are Us .. What Do You Think?, Obituary, octave stretching, Octave tuning, PACE, Part 2, Pitch raising, pressure bar height, Progress growth and development of PTG, protecting sandpaper and metal files, PTG contribution to quality service and customer relations, PTG Review, Q & A, Q & A Keybuttons, reference to It's an Upright.., removing broken off agraffes, RPT written exam, scheduling, setting pins, simplify technical writing in the PTJ, stretching, string deflection angle, tanning process, Techno-Stuff, Temperament To the Top, Temperament to the Top/Temper-ament to the Bottom TUNING, Thank You For Your Support INDUSTRY Letters, The Buckskin Animal of Choice?, The Diatonic Comma, The Evaluation of Worth, The Left-handed Conclusion Is Wrong .. , The Moor Is Not a Moor ...?, The Tuner, The Urban Technician PIANO TECHNICIANS Case Study, Tips & Techniques, transportation, Trap squeaks, TT&T A Method for Using Brass Cauls, TT&T A Tip for Fixing a Loose Treble Bridge Cap, TT&T A Tip from Bill Smith, TT&T Agraffe Removal in Only 4 Easy Steps, TT&T In Response, TT&T It's a Tuning Setback, tuner's anecdote, Tuning Fifths and Fourths, Tuning Mutes From Hammer Scrap Felt TUNING Tools, tuning stability, tuning theory, Tuning theory,, unusual piano keyboard arrangements, Using the Accu-Tuner to Tune Historical Temperaments, vertical appraisals, Vertical Regulation , World-class tinkerers

August 1994
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| A Sure Foundation | Valley, Don |
| Auxiliary Exchange, Consider This To Be Your Wake Up Call! | |
| Continuing Education Will Continue To Be Our Focus | Speir, Leon |
| Counting Beats (#12) | Travis, Michael |
| Frequently Asked Accu-Tuner Questions | Swafford, Kent |
| Grand Damper Detours/Vile Vertical Dampers | Anderson, Richard |
| Greatest Hits | Goldsmith, Larry |
| How Can I Help With the Image of PTG? | Spurlock, Bill |
| How Much Can a Hammer Wear? | Brooks, Wally |
| In Memory .. William Moonan, Jr. | |
| In Touch With History | Goldsmith, Larry |
| Intro & Perspective - Article 1 | Levitan, Daniel |
| Marketing Ourselves, Writing Effective Proposal Letters | Spurlock, Bill |
| Partial Hearing-Your greatest Asset | Stebbins, Jack |
| Reading-Lancaster Chapters Hosts Mason & Hamlin Tour | |
| Removing Felt Marker From the White Keys | Buyce, Harry |
| The Calligraphy (Voicing) Tool | Ballard, Bill |
| Tuning The Bass | Monroe, Paul |
| Vertical Regulation-Adjusting Key Dip (#12) | Spurlock, Bill |
| What is the Full Decating Process? | Carrier, Tom |

## KEYWORDS:

ACTION Q&A, action regulation, appraisals, Article 1 Introduction and Perspective, Auxiliary Exchange, bass tuning, Behold the Upright, bore distance, bottom board, casters, Consider This To Be Your Wake Up Call!, Continuing Education Will Continue To Be Our Focus, Counting Beats, customer relations, damper and trapwork problems, death Notice, electronic tuning, estimates, Frequently Asked Accu-Tuner Questions, Golden hammer award display at 94 convention, Greatest Hits, harmonics, How Can I Help With the Image of PTG?, How Much Can a Hammer Wear?, In Memory .. William Moonan, In Touch With History, inharmonicity, Inharmonicity and the Temperament, ink reactivator, journal reprints by topic, Jr., Kansas City, magic marker, manufacturers, Marketing Ourselves, Obituary, PACE, Partial Hearing, pedal board, piano industry, PTJ, public relations, Reading/Lansing Chapter Hosts Mason & Hamlin Tour, Removing Felt Marker From the White Keys, repairs, Sanderson, special problems of key dip with sharp keys, Techno-Stuff, The Calligraphy Tool, The Tuner, trapwork, TT&T, Tuning Lesson #12, tuning theory, Tuning theory,, Vertical Regulation - Adjusting Key Dip, voicing tool, What is the Full Decating Process? PARTS, Writing Effective Proposal Letters, Your Greatest Asset

September 1994
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| (Award) Much Appreciated | Boone, Danny |
| 37th Annual Convention & Technical Institute, Highlights from New Horizons | |
| A Back Saver and More | Smith, Evelyn |
| A Circle of Fifths Well Temperament (#13) | Travis, Michael |
| A Letter to Members of PTG | Weisensteiner, Roger |
| A Quick Fix For Dead Bass Strings | Willanger, Susan |
| An Emotional and Gratifying "Golden" Experience | Neblett, Norman |
| And A Mighty Fine Time Was Had By All | Speir, Leon |
| Auxiliary Exchange, Just Say Yes - Pitch In & Help | Cook, L. Paul |
| Auxiliary Members Benefit From Generous Contributions | |
| Behold The Upright | Valley, Don |
| Careful Work in the Beginning Helps Ensure Solid Tunings | Williams, Jesse |
| Careful Work In the Beginning Helps Ensure Solid Tunings | Williams, Jesse |
| Chapter Matters | Bowman, Keith |
| Diamonds Are a Tuner's Good Friend at Last | Sloane, Ken |
| Here's to the New Look | Raz, Jerry |
| Highlights From New Horizons (Convention Coverage) | Various |
| How Can I Extract a Broken Bridge Pin? | Spurlock, Bill |
| How Long Does the Regulation last? | Spurlock, Bill |
| I Wish You Had Been There | Goldsmith, Larry |
| Inharmonicity In Isolated Intervals - Article 2 | Levitan, Daniel |
| Movin'On Up | Kiel, Mitch |
| Name, Name, Who's Got the Name? | Goldsmith, Larry |
| Passport To Excellence Program Is Still In Existence! | Valley, Don |
| Removing and Replacing a Whole Set of Straps | Martin, Gene |
| San Diego Chapter Makes Contribution To Local Symphony Orchestra | |
| The "Moor?" Isn't a Harpsichord Either, Mr. Huether | Stein, Israel |
| The Long & the Short of Temperature & Humidity | Swafford, Kent |
| Troubleshooting Dampers | Anderson, Richard |
| Unison Tuning | Monroe, Paul |
| Vertical Regulation-Setting Let-Off (#13) | Spurlock, Bill |

## KEYWORDS:

1994 Convention review, 1994 convention review, 37th Annual Convention & Technical Institute, 94 issue, A Back Saver and More, A Circle of Fifths Well Temperament, A Letter to Members of PTG PIANO TECHNICIANS GUILD Foundation Spotlight, A Quick Fix for Dead Bass Strings, action regulating, An Emotional and Gratifying "Golden" Experience PIANO TECHNICIANS Letters, And a Mighty Fine Time Was Had By All, Article 2, Auxiliary Exchange, Behold the Upright, Bridle straps, broken pedals, Careful Work In the Beginning Helps Ensure Solid Tunings, Careful Work in the Beginning Helps Ensure Solid Tunings TUNING Tools, case and keyframe cleaning, Chapter Achievement awards, Chapter Matters, continued controversy over a photo pg. 57 April, convention review, dampers, diagnosing the problem, Diamonds Are a Tuner's Good Friend at Least, Exam & Test Standards,, grand action dolly, hammer technique, Here's to the New Look, Highlights from New Horizons, Highlights From New Horizons (Convention Coverage) PIANO TECHNICIANS GUILD Convention, How Can I Extract a Broken Bridge Pin?, I Wish You Had Been There, Inharmonicity & the Temperament, Inharmonicity in Isolated Intervals, Just Say Yes - Pitch In & Help, Kansas City, let off, Member of Note winner, minimize tuning pin movement, Movin' On Up, Mr. Huether, Much Appreciated, Name, Name - Whose Got the Name, new journal format, old convention photo, PACE, Passport to Excellence Program is Still in Existence, pedals, PTG History, PTG Review, PTJ, Removing and Replacing a Whole Set of Straps, removing debris from under windings, San Diego Chapter Makes Contribution to Local Symphony Orchestra, Techno-Stuff, The "Moors?" Isn't a Harpsichord Either, The Long and Short of Temperature and Humidity, The Tuner, Tips & Techniques, tool sharpening, TT&T, Tuning Just Fifths & Fourths - Part 3, Tuning Lesson #13, tuning stability, unison tuning, Vertical Regulation - Setting Let-off

October 1994
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| A Wide Variety Will Serve Us All | Vanderhoofven, David |
| An "Every Which Way You Can" Temperament Sequence | Swafford, Kent |
| An Industry Update, 37th Convention and Technical Institute | Hong, Yat-Lam |
| Auxiliary Exchange, Today Is an Historic Day | |
| Burning the Fuzz From the Hammers | Tremper, Fred |
| Chapter Matters | Bowman, Keith |
| Clogged CA Glue Spouts | Williams, Margie |
| Communications Mania - Where Is It All Going? | Goldsmith, Larry |
| Considerations of Octave Size - Article 3 | Levitan, Daniel |
| Consistent Aftertouch Go/No Go Gauge | Day, Chris |
| Dallas/Ft. Worth Chapters Take Baldwin Factory Tour | Wyatt, Jack |
| Everyday Piano Prepping | Gravagne, Nick |
| Houston Chapter Demonstrates Spirit | Wisenbaker, Martin |
| How Can I See the Future? | Henry, Jami |
| I Will Treasure This Gift | Gravagne, Nick |
| Is There a More Effective Way to Mute the Strings During Tuning? | Garrett, Joe |
| More On Agraffes | Williams, Margie |
| Movin On Up | Kiel, Mitch |
| Organizing for Maximum. Efficiency | Goldsmith, Larry |
| PACE Vertical Regulation Checking Distance & Sharp Key Dip by the Equal Checking Method | |
| PTG Business Resource Manual | Spurlock, Bill |
| Raising Pitch | Monroe, Paul |
| Regional & State Seminar Season Has Arrived | Speir, Leon |
| Repairing An Ivory Keytop | Anderson, Richard |
| The Class Was a Huge Success | Hassig, Richard |
| Tuning 4:1 Double Octaves (#14) | Travis, Michael |
| Vertical Regulation-Adjusting Checking Distance and Setting Sharp Key Dip By Equal Checking | Spurlock, Bill |
| What Are the Specifics on Hide Glue? | Aisenbrey, Jane |
| When is a Pitch Raise Necessary? | Sanderson, Al |

## KEYWORDS:

1994, 37th Convention and Technical Institute, A Wide Variety Will Serve Us All, action regulating, advertising, An "Every Which Way You Can" Temperament Sequence TUNING, An Industry Update, Anaheim, antique pianos, Auxiliary Exchange, backchecks, birdcage over-damper, bridge roll, broken, Burning the Fuzz From the Hammers, CA, calendars, Case Study, cellular phones, Chapter Matters, clip art, Communication Mania - Where Is It All Going?, computer communications, Computer software, Consistent Aftertouch, Critical "high points", David Vanderlip & Kathy Smith's shop arrangement, education, E-Mail, Everyday Piano Prepping or .. The Return of Emma Schwartz & Her Hated Piano, finishing touch on new hammer installation, go, How Can I See the Future?, I Will Treasure This Gift, In-harmonicity & the Temperament, Is There a More Efficient Way?, manufacturers represented, Member of Note award winner, mixing, More On Agraffes, Movin' On Up, neglected or badly worn piano, newsletter, no-go gauge, or hammer filing, Organizing for Maximum Efficiency, PACE, PACE Technical Lesson #14 Vertical Action Regulation - Adjusting Checking Distance and Setting Sharp Key Dip by the Equal Checking Method, PACE Tuning 4:1 Double Octaves, pitch raise, printing, PTG activities, PTG Business Resource Manual, PTG Ex-amination & Test Standards Committee, PTG Review, PTG Short Takes Dallas/Fort Worth Chapter Takes Baldwin Factory Tour, PTG Short Takes Houston Chapter Demonstrates Spirit, Q & A, Regional & State Seminar Season Has Arrived, removal & repair, repairing chipped ivory keytops, scheduling and technical management programs., Scholarship Store, secondary inharmonicity, Servicing square grands, soaking, technical training, Techno-Stuff, The Class Was a Huge Success, The Tuner, theory, Today Is an Historic Day, TT&T, Tuning, Vertical Regulation-Adjusting Checking Distance and Setting Sharp Key Dip By Equal Checking Method (#14) REGULATING PACE, Visually Impaired Class at 1994 convention, What Are the Specifics on Hide Glue? Preparation, When Is a Pitch Raise Necessary?, wide range of technical complexity in PTJ articles is preferable

November 1994
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| Auxiliary Exchange, Holiday Gifts from the Scholarship Store | |
| Better Capstan Wrenches | Day, Chris |
| Can You Tune Less Than A-440? | Coleman, James W. |
| Chapters Matter | Bowman, Keith |
| Council Agenda Items Due To Committee By December 31, 1994 | Johnson, Wade |
| Deadline For Awards Nominations Due To Committee Chair By | McKlveen, Ben |
| Death, Taxes, & Dues | Collier, Colette |
| Everyday Piano Prepping-Part 1 | Gravagne, Nick |
| Fitting A New Set Of Hammers | Tremper, Fred |
| George Steck Upright #13999 | Gentile, Carman |
| Industry News | |
| Inharmonicity Curves - Article 4 | Levitan, Daniel |
| Key Leverage Ratio Measurements | Day, Chris |
| Making Marking Punches For Bridges | Ashmore, Yvonne |
| Marketing, Phase Two | Speir, Leon |
| Movin' On Up | Kiel, Mitch |
| Opportunity Is Always There | Goldsmith, Larry |
| Part I: The Evaluation Checklist | Valley, Don |
| Pitch Raising and Tuning a Bluthner | Reeder, James |
| PTG Business Resource Manual | Spurlock, Bill |
| PTG Foundation Scholarship Awarded | Staff |
| SPELLS-Finding Ways to Make a Difference | Goldsmith, Larry |
| Still More on the Moor | Dahl, Bjarne B. |
| The Baldassin-Sanderson Temperament (#15) | Travis, Michael |
| The Historical Temperaments: An Introduction | Jorgensen, Owen |
| Tightening Stripped Screw Holes | Ashmore, Yvonne |
| Tuning Techniques Need to be Presented | Smith, Virgil |
| Unison Stability | Anderson, Richard |
| Vertical Regulation-Dampers: Alignment & Regulation of Pedal Lift (#15) | Spurlock, Bill |

## KEYWORDS:

1994 PIANO TECHNICIANS GUILD Review, actually a Pleyel harpsichord with metal frame, advertising, aliquot scale, appropriateness to literature, Auxiliary Exchange, Behold the Upright, Better Capstan Wrenches, bridge pin locating punch of Plexiglas, Can You Tune Less Than A-440?, Chapter Matters, contiguous thirds, Council Agenda Items Due To Committee By December 31, damper wire bending, Deadline For Awards Nominations Due To Committee Chair By December 31, Death, education, Estimates, Everyday Piano Prepping Part 1: The Evaluation Checklist, Finding Ways to Make a Difference, Fitting a New Set of Hammers, flat toothpick and super glue, George Steck Upright #13999 History File H For History, hammer technique, Holiday Gifts from the Scholarship Store, Industry News, Inharmonicity & the Temperament, inharmonicity curve, key bushing, Key Leverage Ratio Measurement, key-action system ratio, Making Marking Punches for Bridges, Marketing Phase Two, Movin' On Up, Musical performance linked to intelligence, newsletters, North Bennet Street School Open House, Opportunity Is Always There, optimism, PACE Technical Lesson #15 Vertical Action Regulation - Damper Alignment and Regulation of Pedal Lift, PACE Tuning Lesson #15 The Baldassin - Sanderson Temperament, Pitch Raising and Tuning a Blüthner, pitch standard, PTG Business Resource Manual, PTG Examination & Test Standards Committee, PTG Foundation Scholarship Awarded PIANO TECHNICIANS GUILD Foundation Spotlight, PTG Review, PTJ articles dealing practical application of tuning skills, pulley keys repair, Q & A, Reaching Out to Piano Teachers with the New ... Public relations, seize the opportunity, Selling PTG and RPT standards, Seminars, SPELLS, Still More on the Moor, Taxes, Techno-Stuff, The Historical Temperaments: An Introduction, theory, Tightening Stripped Screw Holes, Trimming grand hammer shanks and checkering the tails, TT&T, Tuning, tuning below pitch, Tuning stability, Tuning Techniques Need to Be Presented, two octave

December 1994
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| A Regulating Tip | Elmer, Francis |
| A Time To Reflect On the Past & Future | Speir, Leon |
| Danny Boone: 1938-1994 | Potter, Randy, et al |
| Keys | Valley, Don |
| Koford, Herman: 1898-1994 | Collins, James A. |
| Let the Piano Tell You | Stebbins, Jack |
| Passages .. Bob Wolf | Hazzard, Nancy |
| Passages .. Danny Boone | Huether, Charles |
| Recycling Epoxy | Brassard, Denis |
| Schools Need Encouragement & Support | Goldsmith, Larry |
| Setting An Accurate A | Monroe, Paul |
| The Baldassin-Sanderson Temperament - Part 2 (#16) | Travis, Michael |
| The Historical Temperaments: Part 2 | Jorgensen, Owen |
| The Ice Cream Man Has Tools For The Piano Technician | Cooper, Sandra |
| The Math of It All - Article 5 | Levitan, Daniel |
| The Problem Of Broken Agraffes & Sleeping To The Keyboard | Stone, Sid |
| The Revised Twelve Days of Christmas | Radford, Carl |
| Unison Stability Continued | Anderson, Richard |
| Vertical Regulation-Damper Spoon Adjustment (#16) | Spurlock, Bill |
| What Does That Mouse Really Leave Behind? | Goldsmith, Larry |
| What Precautions Should Be Used With Methanol? | Wood, Doug |
| Would You Go a Mile For a Meeting? | Guthrie, Ward |

## KEYWORDS:

A Time To Reflect on the Past and the Future, A-440, Action Regulating Tip, adhesives, Article 5, Behold the Upright, Bob Wolf, chemicals, damper lift, Danny Boone, Danny Boone: 1938-1994 PIANO TECHNICIANS Passages, death notice, File T for Temperament, friction rusty strings, Health risks, Herman Koford, Inharmonicity & the Temperament, Ivory and sharp cap replacement, key bushing, MSDS, Obituary, PACE Technical Lesson #16 Vertical Action Regulation - Damper Spoon Adjustment, PACE Tuning Lesson #16 The Baldassin - Sanderson Temperament: Part 2 Dividing the F3-F4 Octave into Six Equal Parts, pests, popsicle for inserting temperament strip, PTG development, Q & A, Recycling Epoxy, Schools Need Encouragement & Support INDUSTRY Editorial Perspective, setting the initial pitch, solvents, spoon bender, symmetry, Techno-Stuff, The Historical Temperaments: Part 2 Young's Well temperament, The Ice Cream Man Has Tools for the Piano technician, The Math of It All, The Problem of Broken Agraffes & Sleeping To the Keyboard Count, The Revised Twelve Days of Christmas HUMOR, The Tuner, TT&T, Tuning, tuning, tuning theory, upright let off, vermin, What Does that Mouse Really Leave Behind?, What Precautions Should Be Used With Methanol?, Would You Go a Mile For a Meeting? PIANO TECHNICIANS GUILD Review

January 1995
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Articles

| TITLE | AUTHOR |
|---|---|
| Albuquerque, Here We Come! | Sturm, Fred |
| An Open Letter to PTG Membership | Hughes, David |
| Chapter Matters | Bowman, Keith |
| Dear Fellow PTG Member: | Weisensteiner, Roger |
| Hammer Installation-A Different Perspective | Foye, Gerald |
| It's Just a Feeling I Have | Brassard, Denis |
| It's Just A Feeling I Have | Waltrip, Bob |
| Making our Logo work for us | Spurlock, Bill |
| Movin' On Up | Kiel, Mitch |
| Music Rack Screw Hole Repairs | Kerr, Robert |
| New Technical Editor Named for Journal | |
| New Technical Editor Named For Journal | Staff |
| Polishing Balance Rail and Front Rail Pins | Blees, Willem |
| Salesmanship | Monroe, Paul |
| Setting Goals In the New Year | Speir, Leon |
| Technician Serves As Detective | Kirkland, Royal |
| The Baldassin-Sanderson Temperament - Part 3 (#17) | Travis, Michael |
| The Piano Technician | Dillon, Brenda |
| Unison Stability Continued | Anderson, Richard |
| Use Magic and Invite the World | Fornwalt, Fred |
| Vertical Regulation-Bridle Wire & Pedal Adjustments (#17) | Spurlock, Bill |

## KEYWORDS:

A Catalyst for the SPELLS Program, A Different Perspective!, Albuquerque, An Open Letter to PTG Membership, Chapter Matters PIANO TECHNICIANS GUILD PTG Review, customer relations, Dear Fellow PTG Member: PIANO TECHNICIANS GUILD Foundation Spotlight, equalizing string tension, Examination and Test Standards Committee, Hammer Installation, Hammer technique, Here We Come! PIANO TECHNICIANS GUILD Convention, It's Just a Feeling I Have, It's Just A Feeling I Have TUNING Tools, Making Our Logo Work For Us, marketing advertising, Movin' On Up, music education, Music Rack Screw Hole Repair, New Technical Editor Named for Journal, New Technical Editor Named For Journal PIANO TECHNICIANS GUILD Editorial Perspective, PACE Technical Lesson #17 Vertical Action Regulation - Bridle Wire and Pedal Adjustment, PACE Tuning Lesson #17 The Baldassin - Sanderson Temperament: Part 3 Completing the F3-F4 Temperament, Polishing Balance Rail and Front Rail Pins REGULATING Tools, PTG, PTG logo, RPT testing, scheduling appointments, Setting Goals in the New Year, split rubber mute, Steinway model A, Steve Brady, stolen piano recovered, stripped screw holes, Technician Serves as Detective, Techno-Stuff, The Piano Technician, The Tuner, Tips & Techniques, TT&T, Tuning, tuning, Use Magic and Invite the World PIANO TECHNICIANS GUILD Convention

February 1995
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| A Lot of New...A Lot to Do... In New Mexico | Fornwalt, Fred |
| A: Tuning Stability In Pianos | Fandrich, Del |
| Ancient Peoples In Modern Times | Sturm, Fred |
| Auxiliary Exchange, Dedicated to Auxiliary News and Interests | Sellers, Virginia |
| Capo d'astro Bars | Brady, Steve |
| Champion Named to Quality Post | |
| Concerted Effort Brings Success on Several Fronts | Wyatt, Jack |
| Full Service Piano Work | Gravagne, Nick |
| Garland Named Sales Manager at Dampp-Chaser Electronics | |
| Getting the Work Done! | Speir, Leon |
| How Can I Improve Tuning Stability? | Fandrich, Del |
| In Memory, John Little 1910-1994 | Monroe, Paul |
| Inharmonicity In Real Pianos - Article 6 | Levitan, Daniel |
| Keep Up The PACE | Olsen, Paul |
| Michael Travis Replies: | Travis, Michael |
| Movin' On Up | Kiel, Mitch |
| New CEO at Baldwin | |
| On the Level? (Level Strings, Bobbling Hammers) | Brady, Steve |
| Parallel Interval Tests (#18) | Travis, Michael |
| Piano Rentals as a Side Business | Dacbert, David |
| Piano Rentals as a Side Business | Dacbert, David M. |
| PTG Business Resource Manual:RPT Business Forms | Kim, Beverly |
| Regarding PACE Lesson #15 | Yonley, Fred |
| Richard J. Kawiecki | Baltimore Chapter |
| Sticking Key Traced to Damper Spoon | Sullivan, W.R. |
| Temporary Field Repair For Cracked Brass Butt Plate | Churchill, Ken |
| Tips on Tuning Antique Pianos | Stone, Sid |
| Vertical Troubleshooting - Diagnosing the Bobbling Hammer (#18) | Spurlock, Bill |
| Which Journal do YOU Want? | Brady, Steve |

## KEYWORDS:

A Lot of New .. A Lot to Do .. in New Mexico, A: Tuning Stability in Pianos, Ancient Peoples In Modern Times PIANO TECHNICIANS GUILD Convention, Article 6, Auxiliary Exchange, Baldwin, birdcage,, center pin, Champion Named to Quality Post, Concerted Effort Brings Success on Several Fronts, counterbearing, death notice, Dedicated to Auxiliary News and Interests, Editor's Round Table, electronic communication, electronic tuning device users, E-mail, environment, estimates, Evaluation, Exam Tips for Associates, front duplex, Full-Service Piano Work, Garland Named Sales Manager at Dampp-Chaser Electronics, Getting the Work Done!, hammer flange, How Can I Improve Tuning Stability? TUNING Q&A, humidity, In Memory, Inharmonicity & The Temperament, Inharmonicity in Real Pianos, jack escapement,, John Little, Karen Hendricks, Keep Up The PACE PIANO TECHNICIANS GUILD Convention, marketing, negative, New CEO at Baldwin, Obituary, On the Level, PACE Technical Lesson #18, PACE Tuning Lesson #18, Parallel Interval Tests, piano industry news, Piano Rentals as a Side Business, Piano Rentals as a Side Business Letters, piano teachers, pitch change, pricing, primary, PTG, PTG & PTJ staff & membership statistics, PTG Business Resources Manual: RPT Business Forms, PTG convention and technical institute review, PTG Review, PTJ journal format, Q & A, Regarding PACE Lesson #15, Regarding PACE Lesson #15 TUNING Letters, regulating, Richard J. Kawiecki PIANO TECHNICIANS In Memory..., secondary, service maintenance program, soundboard crown, SPELL Program, square grand, Sticking Keys Traced to Damper Spoon, string leveling seating strings, string noise, supplemental income, Temporary Field Repair for Cracked Brass Butt Plate, Test Standards, Tips on Tuning Antique Pianos, Topic: Capo D'astro Bars, Trade Relations, TT&T, Tuning, tuning temperament theory, Vertical Troubleshooting - Diagnosing the Bobbling Hammer, voicing, Which Journal do YOU Want?

March 1995
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| Ask the right question | Sloane, Ken |
| Auxiliary Exchange, Dedicated to Auxiliary News and Interests | |
| Avoiding Teeth Marks | Ballard,Bill et al |
| Avoiding Teeth Marks | Story,Mark;Sloane,Ken et al |
| Avoiding Teeth Marks | Torrella, Ron |
| Clean Steel Wool Before Use | Waltrip, Bob |
| Conquistadores and Penitentes - The Spanish In New Mexico | Sturm, Fred |
| Contour & Padding for Tuning Hammer | Kiel, Mitch |
| Daniel Levitan Replies: | Levitan, Daniel |
| Encouraging Reclassification | Speir, Leon |
| Global Warming Is Real. Think Green - Act Green! | Fornwalt, Fred |
| Glue Applicator for Hammershanks | Brady, Steve |
| Humidity Control-The State of the Art | Brown, Ruth |
| international Instructors Featured In Albuquerque Technical Institute | Brooks, Wally |
| Jack W. Sprinkle: 1932-1995 | Jewel Sprinkle |
| Kenneth H. Gentry: 1928-1994 | Neie, Gary |
| Kent Swafford Replies | Swafford, Kent |
| More on PACE Tuning #15, Step 7 | Sanderson, Al |
| Movin' On Up-Introducing Exam Pre-screening | Kiel, Mitch |
| Our Changing Environment-What Do We Do About It? part I | Kim, Beverly |
| Perceived Loss of Power | Sloane, Ken |
| Profession and Image | Brady, Steve |
| Profession and Image | Brady, Steve |
| Protecting Your Hearing | Garrett, Joe |
| Richard's Rules For Hammer Technique | Anderson, Richard |
| Rose Silver, #9 | Meireles, Cecilia |
| Starting Screws and Plugging Screw Holes | Sadigursky, Isaac |
| Storage of Tuning Curves | Engelhardt, Jacob |
| Technicians Harmonize At The Top Of Texas | Probst, Dale |
| The Dampp-Chaser Approach to Humidity Control For Pianos | Mair, Robert |
| The Unison | Monroe, Paul |
| Tuning 8:4 and 10:5 Octaves in the Low Bass (#19) | Travis, Michael |
| Tuning the Inharmonic Temperament - Article 7 | Levitan, Daniel |
| Vertical Troubleshooting - Repairing The Sticking Key (#19) | Spurlock, Bill |
| Walter Olson: 1913-1994 | Neie, Gary |
| Whatever Happened to "Art" | Levitan, Daniel |
| Whatever Happened to "Art?" | Harmon, Clayton |
| Wide Hole Agraffes | Sadigursky, Isaac |

## KEYWORDS:

#9 MISCELLANEOUS, a science or an art, A: Ask the Right Question, acetone, action parts, action regulation, Albuquerque '95, Article 7, Auxiliary Exchange, Avoiding Teeth Marks, Avoiding Teeth Marks TOOLS & EQUIPMENT Q&A, beat rate, Bike tape wrap, cap nut, Clean Steel Wool Before Use, Conquistadors and Penitents - The Spanish In New Mexico PIANO TECHNICIANS GUILD Convention, Contour & Padding for Tuning Hammer, Convention & Technical Institute Review, Dampp-Chaser, Daniel Levitan Replies: TUNING Letters, Dedicated to Auxiliary News and Interests, Encouraging Reclassification, Glue Applicator for Hammer Shanks, hammer filing, hearing loss and hearing aids, Humidity Control, In Memory of Esther Stegeman, Inharmonicity & The Temperament, International Flavor ... Southwestern Spice, international Instructors Featured In Albuquerque Technical Institute PIANO TECHNICIANS GUILD Convention, Introducing (Belatedly) Exam Pre-Screening, Jack W. Sprinkle: 1932-1995 PIANO TECHNICIANS Passages, Kenneth H. Gentry: 1928-1994 PIANO TECHNICIANS Passages, Making Plans & Setting Goals, Marketing Ourselves, More on PACE Tuning #15, Movin' On Up, nose bolt, Our Changing Environment: What Do We Do About It? - Part I, PACE Technical Lesson #19, PACE Tuning Lesson #19, Perceived Loss of Power, Perceived Loss of Power REGULATING Q&A, Piano tuning, Profession and Image, Profession and Image PIANO TECHNICIANS GUILD Editorial Perspective, Protecting Your Hearing, PTG RPT Exam, public relations, Q & A, Q &A, relative humidity, Rose Silver, RPT Exam standards, Sanderson accu-tuner, secondary, shoulder nut, sluggish hammer, Starting Screws and Plugging Screw Holes, Step 7 TUNING Letters, Storage of Tuning Curves, Storage of Tuning Curves TUNING Letters, Technicians Harmonize At The Top Of Texas PIANO TECHNICIANS GUILD Review, Techno-Stuff, The Dampp-Chaser Approach To Humidity Control for Pianos, the State of the Art, The Tuner, The Unison, TT&T, tuning, Tuning 8:4 and 10:5 Octaves in the Low Bass, Tuning hammer technique, Tuning the Inharmonic Temperament, Vertical Troubleshooting - Repairing the Sticking Key, Walter Olson: 1913-1994 PIANO TECHNICIANS Passages, Whatever Happened to "Art", Whatever Happened to "Art?" TUNING Letters, Wide Hole Agraffes, Yamaha tuners memory storage

April 1995
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Articles

| TITLE | AUTHOR |
|---|---|
| Alas, This is the End | Hoskins, Leslie |
| Albuquerque - The Wild West | Strum, Fred |
| Albuquerque, the Wild West | Sturm, Fred |
| Auxiliary Exchange, Dedicated to Auxiliary News and Interests | Snyder, Kathryn |
| Belligerent Buzzing Bass String Blues | Anderson, Richard |
| Bench Tuning? | Brady, Steve et al |
| Bench Tuning? | Hunt, Newton J. |
| Bench Tuning? | Hunt, Newton;Kupelian,Paul et a |
| Bench Tuning? | Sloane,Ken;Wathen,Michael et al |
| Broken Agraffe Tricks | Russo, Steve |
| Broken Plate Repair? | Beck, Robert |
| Changing Environment:What Do We Do About It? Part II | Kim, Beverly |
| Chung Named VP, GM of Kawai | Staff |
| Competitors or Colleagues? | Brady, Steve |
| Dan Levitan Replies: | Levitan, Daniel |
| Different Octave Test | Tremper, Fred |
| Ditto | Stone, Sid |
| Education Is the Key to PTG | Speir, Leon |
| Educational Opportunities A Draw At NCRC | Hallmark, Alan |
| Helmut Titz: 1910-1995 | McCann, Steve |
| Let's Get Gross-See the Big Picture | Kiel, Mitch |
| Lighten Up! | Serviss, Ken |
| Making Ivory Wafers | Smith, Bill |
| Mark R. Hunting: 1958-1995 | Goodwin, Garland O. |
| Methods for Determining Value? | Brady, Steve |
| More Broken Agraffe Tricks | Allen, Fred |
| More On Pitch Raising-or DO Bridges Really Roll? | Peele, Mark |
| NAMM '95 Show Review | Brady, Steve |
| Nodes & Inharmonicity | Levitan, Daniel |
| Nodes and Inharmonicity | Hickey, Jeffrey T. |
| Retain the Retainer? | Foye, Gerald |
| Robo Sander! | Ashmore, Yvonne |
| The Annual Institute: Who Needs It? | Fornwalt, Fred |
| Transplanting A Tuner | Karabinus, Audrey |
| Tuning Stability | Monroe, Paul |
| Write Now, Ask Me How... | Ballard, Bill |
| Yet Another Temperament Sequence | Levitan, Daniel |

## KEYWORDS:

1995 convention and technical institute review, Alas, Albuquerque, Albuquerque - The Wild West, appraisal, artist bench repair, Ask Me How, Auxiliary Exchange, bearing, Belligerent Buzzing Bass String Blues REPAIR Technostuff, Bench Tuning?, Bench Tuning? MISCELLANEOUS Q&A, broken agraffe removal, Broken Agraffe Tricks, Broken Plate Repair? REPAIR Q&A, Chapter Newsletters, cheek block screws, Chinese and Former Soviet-bloc Made Pianos Make Key Appearance at NAMM, Chung Named VP, Competitors or Colleagues?, continuing education and professional competency, Dan Levitan Replies: TUNING Letters, death notice, Dedicated to Auxiliary News and Interests, Different Octave Test, Ditto HUMOR Letters, Education Is the Key to PTG, Educational Opportunities A Draw At NCRC PIANO TECHNICIANS GUILD Review, Exam standards, fellow technicians, gluing, GM of Kawai INDUSTRY News, Helmut Titz, In Loving Memory Pearl Kreittz, In Memory, keytops, Let's Get Gross .. See the Big Picture, Lighten Up! HUMOR Letters, Making Ivory Wafers, Mark R. Hunting, Marketing Ourselves, Methods for Determining Value?, More Broken Agraffe Tricks REPAIR Tools, More on Pitch Raising ... or DO Bridges Really Roll?, Movin' On Up , NAMM Show Review, new comers, Nodes & Inharmonicity, Nodes and Inharmonicity TUNING Letters, Obituary, octave tuning, Our Changing Environment: What Do We Do About It? - Part II, PTG changes, Q & A, Q &A, Retain the Retainers?, Robo Sander! TOOLS & EQUIPMENT Tools, stability, stringing errors impact on tuning stability, temperament, The Annual Institute: Who Needs It?, The Tuner, the Wild West PIANO TECHNICIANS GUILD Convention, This is the End MISCELLANEOUS The late Leslie Hoskins poem quoted, Tips & Techniques, Transplanting A Tuner PIANO TECHNICIANS The Tuner's Life, TT&T, tuning, Tuning, tuning , Write Now, Yet Another Temperament Sequence

# Piano Technicians Guild
# EMERSON Database: 1979 -1999

May 1995
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| "More Room, But Exams Still First-Come First-Serve" | Kiel, Mitch |
| A Study In Inharmonicity | Tremper, Fred |
| A Tough Scrape | Ballard, Bill |
| A Tuner's 10-year Tonal Treasure Hunt | Franklin, Dan |
| Associate Voting Rights On The Agenda | Speir, Leon |
| Auxiliary Exchange, And The Winners Are ... | Ballou, Rhonda |
| Brushes | Hunt, Newton |
| Changing Environment: What Do We Do About It? part III | Kim, Beverly |
| Cleaning Sock | Ballard, Bill |
| Damper Problems | Brady, Steve |
| Dogma vs. Reality | Brady, Steve |
| Grand Regulation, Part 1: Keyframe Bedding (#20) | Spurlock, Bill |
| Hot Glue Tips | Richmond, Barbara |
| Improved Loop-Making Tool | Hoeckelman, Alan |
| Just Another Concert Tuning | Swafford, Kent |
| More On Hammer Installation | Bonner, Charlie |
| More on Hot Glue Tips | Scoles, Frederick |
| Non-Parallel Bridge Notching | Fandrich, Del |
| Particle Board Repair | Anderson, Richard |
| Paul A.U. Lawrence: 1909-1994 | Griffith, Ben |
| Piano Protector | Florence, Rick |
| Presenting Programs to Teachers: A Personal Perspective | Hern, Monica |
| Refining the Midrange with Contiguous Interval and P5/P4 Comparison Tests (#20) | Travis, Michael |
| Smelly Upright | Seay,Tom;Torrella,Ron et al |
| Smelly Upright | Spurlock, Bill;Story,Mark et al |
| Smelly Uprights | Seay, Tom |
| Squaring Agraffes | Brady, Steve |
| Steinway, Selmer Announce Merger | |
| Steinway, Selmer Announce Merger | Staff |
| Toxic Turbo Tongue | Wyatt, Jack |
| Tuning Below the Temperament | Monroe, Paul |
| Tuning Forks-Accuracy, Stability & Practical Applications | Ellis, Jim |
| Vision Quest - Albuquerque '95 | Fornwalt, Fred |
| Working In The Real World | Phillips, Webb |

## KEYWORDS:

A Study in Inharmonicity, A Tough Scrape, A Tuner's 10-Year Tonal Treasure Hunt, Accuracy, ACTION" Letters, aluminum or steel, And The Winners Are ..., Associate Voting Rights on the Agenda, Auxiliary Exchange, Bass, business goals and objectives, But Exams Still First-Come First-Serve, case, Changing Environment ... What Do We Do About It?, Cleaning Sock, convention & technical Institute review, damper noises, death notice, demographic trend in the piano industry, duplex scale, Editor's Roundtable ... Damper Problems, From Frederick Scoles, From Newton Hunt, glide bolts, glue pot methods, Grand Regulation Part 1: Keyframe Bedding, hot glue pot methods, Hot Glue Tip, Improved hitch pin string Loop Making Tool, In Memory, Industry News, intervals, Just Another Concert Tuning,, knock, long-term, Marketing Ourselves, More On Hammer Installation "PARTS, More Room, Movin' On Up!, non-equal unison string lengths, Non-Parallel Bridge Notching, Obituary, PACE, Particle Board Repair, Paul A. U. Lawrence, Piano Protector MISCELLANEOUS Tools, Presenting Programs to Teachers: A Personal Perspective,, professional ethics, PTG convention '95 issues, PTG RPT, PTGA Grant Funds Russian Study, rather that learning a handful of remedies by rote. Open mind is key to learning from experience, Refining the Midrange with Contiguous Interval and P5/P4 Comparison Tests (#20) TUNING PACE, sanding bed, scraper from hack saw bland, screws, Selmer Announce Merger, Selmer Announce Merger INDUSTRY News, Smelly Upright MISCELLANEOUS Q&A, Smelly Uprights, Squaring Agraffes,, Stability and Practical Applications, Steinway, Steinway mid-treble, Technical/tuning exam, Techno Stuff, temperature, The Tuner - Tuning Below The Temperament, The Tuner's Life, Tips & Techniques, Toxic Turbo Tongue, tri-chords, TT&T, tuning, Tuning Fork, understanding the nature of things, Vision Quest - Albuquerque '95, Working In The Real World BUSINESS PTG Review

June 1995
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Articles

| TITLE | AUTHOR |
|---|---|
| A Curse Against A.H. Who Does Not Make Instruments | Snodgrass, W.D. |
| A Look at "The Piano Book" | Eder, Alan |
| A Smaller; More Convenient Micrometer | Levitan, Daniel |
| An International Opportunity In Albuquerque | Hilbert, Ed |
| An Ounce of Prevention | Kiel, Mitch |
| CA Glues in Piano Work | Frederick,Richard;Hart,Glen et |
| CA Glues in Piano Work | Probst,Dale;Spurlock, Bill |
| Changing Environment, What Do We Do About It? Part IV | Kim, Beverly |
| Comparing Hammer Boring Jigs | Severance, David |
| Diving Into Desktop Publishing | Grassi, Jeannie |
| Fine on Fine . . An Interview with Larry Fine | Eder, Alan |
| Grand Regulation, Part 2 - Positioning the Keyframe (#21) | Spurlock, Bill |
| Ken Sloane replies: | Sloane, Ken |
| Measuring Counterbearing Angels | Hoffsommer, Conrad |
| Measuring Counterbearing Angles | Dempsey, Paul |
| Measuring Counterbearing Angles | Johnson, Dennis |
| More Birdcage Tips | di Giorgio, Loren |
| More on Capo Bars | Dempsey, Paul |
| Perceived Loss of Power | Ellis, Jim |
| Replacing Bridge Pins With Original Size | Wathen, Michael |
| Resolution For Long-Term Educational Goals | Speir, Leon |
| Sightseeing and Southwestern Spice | Sturm, Fred |
| Spice Up Your Business In Albuquerque | Fornwalt, Fred |
| Success In Business | Henry, Fern |
| The Designer's Notebook V-bars, Pressure Bars and Duplex | Fandrich, Del |
| The Limits of Theory | Levitan, Daniel |
| Treble: Part 1-The M3-M10-M17 Test (#21) | Travis, Michael |
| Tuning With The Enemy. . Berkeley Tuner Travels to Havana | Treuhaft, Benjamin |
| Why Are We Tuners? | Brady, Steve |

## KEYWORDS:

A Curse Against A.H. Who Does Not Make Instruments MISCELLANEOUS, A Look at "The Piano Book" REVIEWS Review & Critique, A Smaller; More Convenient Micrometer TOOLS & EQUIPMENT Tools, An International Opportunity In Albuquerque PIANO TECHNICIANS GUILD Convention, An Ounce of Prevention EXAMS ETS Committee, CA Glues in Piano Work ADHESIVES Q&A, Changing Environment, Comparing Hammer Boring Jigs TOOLS & EQUIPMENT, Diving Into Desktop Publishing PIANO TECHNICIANS GUILD Review, Fine on Fine . . An Interview with Larry Fine PIANO TECHNICIANS, Grand Regulation, Ken Sloane replies: REGULATING Letters, Measuring Counterbearing Angels TOOLS & EQUIPMENT Tools, Measuring Counterbearing Angles TOOLS & EQUIPMENT Tools, More Birdcage Tips TUNING Tools, More on Capo Bars REPAIR Letters, Part 2 - Positioning the Keyframe (#21) REGULATING PACE, Perceived Loss of Power REGULATING Letters, Pressure Bars and Duplex Scales DESIGN, Replacing Bridge Pins With Original Size REPAIR Tools, Resolution For Long-Term Educational Goals PIANO TECHNICIANS GUILD President's Message, Sightseeing and Southwestern Spice PIANO TECHNICIANS GUILD Convention, Spice Up Your Business In Albuquerque PIANO TECHNICIANS GUILD Convention, Success In Business Marketing Ourselves, The Designer's Notebook V-bars, The Limits of Theory, Tips & Techniques, Treble: Part 1-The M3-M10-M17 Test (#21) TUNING PACE, Tuning With The Enemy. . Berkeley Tuner Travels to Havana PIANO TECHNICIANS, What Do We Do About It? Part IV BUSINESS, Why Are We Tuners? PIANO TECHNICIANS Editorial Perspective

July 1995
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| "Elephant Under Glass: The Piano Key Bleach House of Deep River, CT" | Shayt, David H. |
| A Time for Reflection, A Time of Change | Speir, Leon |
| Bass String Storage | Gilreath,Allan et al |
| Bass String Storage | Probst,Dale;Dempsey,Paul et al |
| Cultural Differences | Kirkwood, Doug |
| Dry Rot in Pianos? | Hartman, John |
| Edwards Elected President of MTNA | Staff |
| Grand Regulation, Part 3 - Hammer Travel, Angle and Spacing (#22) | Spurlock, Bill |
| Hygrometer/Thermometers | Crane, Alan |
| Hygrometer/Thermometers | Dennis Johnson |
| Hygrometer/Thermometers | John Minor |
| Hygrometer/Thermometers | Kent Swafford |
| Hygrometer/Thermometers | Rose, Don |
| Hygrometer/Thermometers | Sloane, Ken |
| Ivory Keyboard Restoration | Smith, William |
| Ivory-Like Keytops from Beef Bones | Bunch, Donald |
| Practical Repairs for Chipped Ivories | Brady, Steve |
| Promoting the Piano . . A Marketing Venture | Hallmark, Alan |
| Restore the "White" To Those Ivory Keys | Wagner, Richard |
| Treble:  Part 2-Checks and Balances (#22) | Travis, Michael |
| Tune It Or Die | Mehaffey, Joe |
| Where the Finger Meets the Key | Brady, Steve |

## KEYWORDS:

"Elephant Under Glass: The Piano Key Bleach House of Deep River, A Time for Reflection, A Time of Change PIANO TECHNICIANS GUILD President's Message, Angle and Spacing (#22) REGULATING PACE, Bass String Storage PARTS, CT" HISTORY, Cultural Differences INTERNATIONAL Convention, Dry Rot in Pianos? MISCELLANEOUS Q&A, Edwards Elected President of MTNA INDUSTRY News, Grand Regulation, Hygrometer/Thermometers TOOLS & EQUIPMENT Tools, Ivory Keyboard Restoration, Ivory-Like Keytops from Beef Bones REBUILDING, OTHER Q&A, Part 3 - Hammer Travel, Practical Repairs for Chipped Ivories REPAIR, Promoting the Piano . . A Marketing Venture INDUSTRY, Restore the "White" To Those Ivory Keys RESTORATION, Tips & Techniques, Treble:  Part 2-Checks and Balances (#22) TUNING PACE, Tune It Or Die HUMOR Grand Illusions, Where the Finger Meets the Key PIANO TECHNICIANS GUILD Editorial Perspective

August 1995
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| Bass String Breakage | Harvey, Jim et al |
| Bass String Breakage | Thile,Scott;Richmond,Barbara et |
| Brush vs. Spray | Birkett, Stephen |
| Dan Franklin replies: | Franklin, Dan |
| Del Fandrich replies: | Fandrich, Del |
| Faculty Showcase Series | Richmond, Barbara |
| Grand Regulation, Part 4 - Spacing, Squaring & Leveling (#23 | Spurlock, Bill |
| Handy Way to Align Vertical Piano Pedals | Bowman, Daniel |
| Hegel and the Volvo | Brady, Steve |
| Humidity Control | Mair, Robert W. |
| In Passing...Dennis Nicholson | Cottrell, Diane |
| Long-Range Planning Needs Member Input | Speir, Leon |
| PVC Pipe, Ammonia and . . Panty-Hose? | Bartnik, Bob |
| Rear Duplex Tuning | Ballard, Bill |
| Rear Duplex Tuning | Hartman, John |
| Rear Duplex Tuning | McGavern, Keith |
| Rear Duplex Tuning | Porritt, David |
| Single Octave Tuning in the High Treble (#23) | Travis, Michael |
| St. Louis Seminar A Testing Success | Blees, Willem |
| The 60-Second Temperament | Levitan, Daniel |
| The Designer's Notebook - Front Duplex Stringing Scales | Fandrich, Del |
| The Effects of Downbearing On The Tone of the Piano - Part I | Hartman, John |
| Tuning Hammer Geometry | Ellis, Jim |
| Tuning Out Noises . . Part I | Juhn, Ernie |
| Water-Based Finishes | Johnson,Dennis et al |
| Water-Based Finishes | Springer,Bill et al |
| Water-Based Finishes | Spurlock, Bill et al |

## KEYWORDS:

Ammonia and . . Panty-Hose? LUBRICANTS & CLEANERS Tools, Bass String Breakage PARTS, Brush vs. Spray MISCELLANEOUS Q&A, Dan Franklin replies: DESIGN Letters, Del Fandrich replies: HUMIDITY Letters, Faculty Showcase Series HUMOR Grand Illusions, Grand Regulation, Handy Way to Align Vertical Piano Pedals REPAIR Tools, Hegel and the Volvo MISCELLANEOUS Editorial Perspective, Humidity Control TUNING Letters, In Passing...Dennis Nicholson PIANO TECHNICIANS In Memory..., Long-Range Planning Needs Member Input PIANO TECHNICIANS GUILD President's Message, OTHER Q&A, Part 4 - Spacing, PVC Pipe, Rear Duplex Tuning DESIGN Letters, Single Octave Tuning in the High Treble (#23) TUNING PACE, Squaring & Leveling (#23 REGULATING PACE, St. Louis Seminar A Testing Success PIANO TECHNICIANS GUILD Review, The 60-Second Temperament TUNING, The Designer's Notebook - Front Duplex Stringing Scales DESIGN, The Effects of Downbearing On The Tone of the Piano - Part I THEORY, Tips & Techniques, Tuning Hammer Geometry TOOLS & EQUIPMENT, Tuning Out Noises . . Part I SERVICE, Water-Based Finishes MISCELLANEOUS Q&A

September 1995
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| Albuquerque Convention In Review | Speir, Leon |
| Become a Perennial | Blees, Willem |
| Business Builders | Mehaffey, Joe |
| Clear Plastic Tubing | Sadigursky, Isaac |
| Del Fandrich Responds: | Fandrich, Del |
| From the Ground Up | Valley, Don |
| Heat Gun Alternative | Stocker, David |
| How the Public Perceives Our Logo...Results of a Client Logo Survey | Spurlock, Bill |
| How to build a Vacuum Cleaner Carrying Case | Rood, Terry |
| Inharmonicity and Octaves-Part 1 - Extending the Temperament | Levitan, Daniel |
| Mirror, Mirror | Bartnik, Bob |
| More on Humidity Control | Anderson, Bob |
| Non-parallel Bridge Notching | Mohr, Peter |
| Pedal Problem | Fisher, Larry, et al |
| Perceived Loss of Power | Ellis, Jim |
| Pricing Guidelines-Determining Rates | Sullivan, W.R. "Dick" |
| RIP, Part III | Anderson, Richard |
| Smoke Residue on Finish | Garrett, Joe |
| Steinway Hammer-Flange Rails: Cloth, Sandpaper, or Nothing at All? | Torrella, Ron, et al |
| The Duplex Difference-Part 2 | Franklin, Dan |
| The Effects of Downbearing On the Tone of the Piano-Part 2 | Hartman, John |
| The Great Limerick Contest | Brady, Steve |
| The Noise Clinic-Part 2 | Juhn, Ernie |
| The Way It Was | Driver, Phillip |
| Tuning Contiguous Thirds to Start a Temperament (#24) | Travis, Michael |

## KEYWORDS:

ACTION Q&A, Albuquerque Convention In Review PIANO TECHNICIANS GUILD President's Message, Become a Perennial PIANO TECHNICIANS GUILD Review, Business Builders HUMOR Grand Illusions, Clear Plastic Tubing TOOLS & EQUIPMENT Tools, Del Fandrich Responds: DESIGN Letters, From the Ground Up REBUILDING Behold the Upright, Heat Gun Alternative TOOLS & EQUIPMENT Tools, How the Public Perceives Our Logo...Results of a Client Logo Survey BUSINESS, How to build a Vacuum Cleaner Carrying Case TOOLS & EQUIPMENT, Inharmonicity and Octaves-Part 1 - Extending the Temperament TUNING, Mirror, Mirror TOOLS & EQUIPMENT Tools, More on Humidity Control HUMIDITY Letters, Non-parallel Bridge Notching DESIGN Letters, or Nothing at All? PARTS, Part III BUSINESS Technostuff, Pedal Problem REPAIR Q&A, Perceived Loss of Power REGULATING Letters, Pricing Guidelines-Determining Rates BUSINESS, RIP, Sandpaper, Smoke Residue on Finish LUBRICANTS & CLEANERS Tools, Steinway Hammer-Flange Rails: Cloth, The Duplex Difference-Part 2 DESIGN, The Effects of Downbearing On the Tone of the Piano-Part 2 THEORY, The Great Limerick Contest HUMOR Editorial Perspective, The Noise Clinic-Part 2 SERVICE, The Way It Was HUMOR Grand Illusions, Tips & Techniques, Tuning Contiguous Thirds to Start a Temperament (#24) TUNING PACE

October 1995
CD# 3
Articles

| TITLE | AUTHOR |
|---|---|
| 1995 PTG Technical Institute Class Reviews . .Part 1 | |
| 1995 PTG Technical Institute class reviews . .Part 1 | Various |
| A Better Capstan Wrench | Gilreath, Allan |
| Another Tool for Removing Steinway Shoulder Nuts | Sadigursky, Isaac |
| Continuing Education - Passport to Excellence | Valley, Don |
| Ditto | Escobar, Ron |
| Does the Status Quo Need a Change? | Speir, Leon |
| Easier String Leveling and Hammer Spacing | Spurlock, Bill |
| Feedback on Finishes | McMillin, Douglas P. |
| Glad to be Back | May, Ron |
| Golden Hammer an Honor | Huether, Charles |
| If It Ain't Broke-Break it! Or ...There's No Such Thing As a Finished Product | Fandrich, Del |
| Looking Good in Print | Spurlock, Bill |
| Mair Named Sales Manager For Dampp-Chaser | Staff |
| Museum of Archaic Piano Technology | Anderson, Richard |
| Muting "Shallow" Strings | McNeil,Tom ET AL |
| Muting "Shallow" Strings | Sloffer,Phil,Kiddell,Rob et al |
| Our Spring Catalog | McKay, Doug |
| Putting the ""Ology"" Into Piano Technology | Hart, Glen |
| Quick Method for Let-Off | DeTar, Brian |
| Refining the Bass (#25) | Travis, Michael |
| Special Scissors for Trimming Damper Wedges | DeTar, Brian |
| Spray Away Breaking Strings | Kurk, Dennis |
| Technology: Threat or Menace | Brady, Steve |
| Testing and Regulating Tuners Varies By Country | Zeman, Joe |
| Thanks for the Convention | Thieven, Tom |
| The Effects of Downbearing On the Tone of the Piano-Part 3 | Hartman, John |
| The Internet and You | Berry, Ronald L. |
| The Noise Clinic-Part 3 | Juhn, Ernie |
| The Wippen | Valley, Don |
| Thumbs Up for Franklin | Verdolino, Sal |

## KEYWORDS:

1995 PTG Technical Institute Class Reviews . .Part 1 PIANO TECHNICIANS GUILD, 1995 PTG Technical Institute class reviews . .Part 1 REVIEWS, A Better Capstan Wrench TOOLS & EQUIPMENT Q&A, Another Tool for Removing Steinway Shoulder Nuts TOOLS & EQUIPMENT Tools, Continuing Education - Passport to Excellence PIANO TECHNICIANS GUILD Review, Ditto PIANO TECHNICIANS Letters, Does the Status Quo Need a Change? PIANO TECHNICIANS GUILD President's Message, Easier String Leveling and Hammer Spacing REGULATING Tools, Feedback on Finishes REBUILDING Letters, Glad to be Back PIANO TECHNICIANS Letters, Golden Hammer an Honor PIANO TECHNICIANS Letters, If It Ain't Broke-Break it! Or ...There's No Such Thing As a Finished Product DESIGN Designer's Notebook, Looking Good in Print BUSINESS Marketing Ourselves, Mair Named Sales Manager For Dampp-Chaser INDUSTRY News, Museum of Archaic Piano Technology PIANO TECHNICIANS Technostuff, Muting "Shallow" Strings TUNING Q&A, Our Spring Catalog HUMOR Grand Illusions, Putting the ""Ology"" Into Piano Technology THEORY, Quick Method for Let-Off REGULATING Tools, Refining the Bass (#25) TUNING PACE, Special Scissors for Trimming Damper Wedges TOOLS & EQUIPMENT Tools, Spray Away Breaking Strings LUBRICANTS & CLEANERS Letters, Technology: Threat or Menace PIANO TECHNICIANS GUILD Editorial Perspective, Testing and Regulating Tuners Varies By Country INTERNATIONAL Review, Thanks for the Convention PIANO TECHNICIANS Letters, The Effects of Downbearing On the Tone of the Piano-Part 3 REBUILDING, The Internet and You ELECTRONICS, The Noise Clinic-Part 3 SERVICE, The Wippen REBUILDING Behold the Upright, Thumbs Up for Franklin DESIGN Letters, Tips & Techniques

November 1995
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Articles

| TITLE | AUTHOR |
|---|---|
| 1995 PTG Technical Institute Class Reviews . . Part 2 | |
| 1995 PTG Technical Institute class reviews . . Part 2 | Various |
| A Tale of Two Cities | Kurk, Dennis |
| Achy Breaky Shanks | Anderson, Richard |
| Bent Plates | Raskob, Richard |
| Brock Named Baldwin Senior VP | Staff |
| Burning-in Shanks With a Match | Willanger, Susan |
| Bylaws Proposals due Dec. 31 | Travis, Michael |
| Duplex Query | Wathen, Michael |
| Get Sharp! | Sloane, Ken |
| How Much Is This Thing Worth? | Guthrie, Ward |
| Info Sought For MTNA Convention | Hudson-Brown, Karen |
| Inharmonicity and Octaves, Part 2: Multiple Octaves | Levitan, Daniel |
| Mason & Hamlin Screwstringer | Harvey, Jim with Davis, Bob |
| More on Plugging Screwholes | Sadigursky, Isaac |
| New PTG Membership Category | Brady, Steve |
| News From Albuquerque...Your New ETS | Kiel, Mitch |
| Nursing Home Blues | Magnusson, William A. |
| On Hammer Boring Jigs | Anderson, Bob |
| On Treuhaft | Stone, Sid |
| Piano Power, Sustain | Fandrich, Del |
| Polishing Ivories | Gregg, Chris |
| Protect Damper Guide Rail Bushings | Brady, Steve |
| Prototype Master Tuning Session (#26) | Travis, Michael |
| Rebuilding the Damper System | Valley, Don |
| Shop Feet | Kupelian,Paul,Hunt,Newton et al |
| Shop Feet | Probst,Dale et al |
| Surfing The Net-Lesson One:  Surf's Up! | Springer, Bill |
| The Effects of Downbearing on the tone of the piano | Hartman, John |
| Tinned vs. Polished Wire | Mannino, Don;Stanwood,David et |
| Tinned vs. Polished Wire | Thile, Scott et al |
| Volunteers | Brady, Steve |

## KEYWORDS:

1995 PTG Technical Institute Class Reviews . . Part 2 PIANO TECHNICIANS GUILD, 1995 PTG Technical Institute class reviews . . Part 2 REVIEWS, A Tale of Two Cities MISCELLANEOUS, Achy Breaky Shanks REPAIR Technostuff, Bent Plates REBUILDING Q&A, Brock Named Baldwin Senior VP INDUSTRY News, Burning-in Shanks With a Match REGULATING Tools, Bylaws Proposals due Dec. 31 PIANO TECHNICIANS GUILD Review, Duplex Query DESIGN Letters, Get Sharp! TOOLS & EQUIPMENT Tools, How Much Is This Thing Worth? BUSINESS, Info Sought For MTNA Convention INDUSTRY News, Inharmonicity and Octaves, Mason & Hamlin Screwstringer PIANOS Q&A, More on Plugging Screwholes REPAIR Tools, New PTG Membership Category HUMOR Grand Illusions, News From Albuquerque...Your New ETS PIANO TECHNICIANS GUILD Review, Nursing Home Blues HUMOR Grand Illusions, On Hammer Boring Jigs TOOLS & EQUIPMENT Letters, On Treuhaft PIANO TECHNICIANS Letters, OTHER Q&A, Part 2: Multiple Octaves TUNING, Piano Power, Polishing Ivories ABRASIVES Tools, Protect Damper Guide Rail Bushings REBUILDING Tools, Prototype Master Tuning Session (#26) TUNING PACE, Rebuilding the Damper System REBUILDING Behold the Upright, Shop Feet SHOP Q&A, Surfing The Net-Lesson One:  Surf's Up! ELECTRONICS, Sustain DESIGN Designer's Notebook, The Effects of Downbearing on the tone of the piano REBUILDING, Tinned vs. Polished Wire PARTS, Tips & Techniques, Volunteers PIANO TECHNICIANS GUILD Editorial Perspective

December 1995
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Articles

| TITLE | AUTHOR |
|---|---|
| "Noises in Uprights, Rejoined" | Maxim, Bill |
| Agraffes | Brady, Steve |
| Back Separation Repair | Dempsey,Paul et al |
| Back Separation Repair | Hunt, Newton,Berry,Ron et al |
| Better & More Stable Tuning in Less Time | Smith, Virgil E. |
| Center Pinning-Hidden Secrets | Foye, Gerald |
| Credit Cards | Fine,Larry,Gittinger,Del |
| Dampers-Why Are They So Darn Much Trouble? | Fandrich, Del |
| Dear Members of the Piano Technicians Guild | Weisensteiner, Roger |
| Ernie Juhn Replies | Juhn, Ernie |
| Great Ideas from the Past Dept. | Fandrich, Del |
| How Much is This Thing Worth? Part 2 | Guthrie, Ward |
| It'll Be a Classic! | Olsen, Paul |
| Lyre Screwhole Repair | Brady, Steve, with Seay, Tom |
| Magnetic Attraction | Bowman, Keith |
| Mannino Joins Kawai Support Team | Staff |
| PTG Committees...How? What? Who? | Carter, Eugenia |
| Push-Drill | Swafford, Kent |
| Re-gluing Horizontal Damper Flange in Grand | Anderson, Richard |
| Regulating Repetition Springs | Hartman, John |
| Strategic Planning: Politics and Policy - Elections of Officers | Speir, Leon |
| Surfing the Net; Lesson Two: The Nuts & Bolts | Springer, Bill |
| The Business Meeting | Stone, Sid |
| The Discovery of the Piano | Brady, Steve |
| The Limits of Theory - Revisited | Ricca, Bernard |
| The Spies Piano: Gift of Renewal | Weisman, Dale |
| The Traveling Shanks | Anderson, Richard |
| Tuning Longevity | Levitan, Daniel |
| Wolf, Bob: 1901-1994 | Hazzard, Nancy |
| World's Best Lid Prop | Sadigursky, Isaac |
| Yamaha Disklavier Service Class | Hickey, Jeffrey T. |
| Young Chang Tunes Into Cyberspace With Site on World Wide | Staff |

## KEYWORDS:

"Noises in Uprights, Agraffes PARTS, Back Separation Repair Q&A, Better & More Stable Tuning in Less Time TUNING, Bob: 1901-1994 PIANO TECHNICIANS Passages, Center Pinning-Hidden Secrets REPAIR Tools, Credit Cards BUSINESS Q&A, Dampers-Why Are They So Darn Much Trouble? PARTS, Dear Members of the Piano Technicians Guild PIANO TECHNICIANS GUILD Foundation Spotlight, Ernie Juhn Replies NOISES Letters, Great Ideas from the Past Dept. DESIGN, How Much is This Thing Worth? Part 2 BUSINESS, It'll Be a Classic! PIANO TECHNICIANS GUILD Convention, Lyre Screwhole Repair Q&A, Magnetic Attraction BUSINESS PTG Review, Mannino Joins Kawai Support Team INDUSTRY News, OTHER Designer's Notebook, OTHER Editor's Roundtable, PTG Committees...How? What? Who? PIANO TECHNICIANS GUILD Review, Push-Drill TOOLS & EQUIPMENT Tools, Re-gluing Horizontal Damper Flange in Grand REPAIR Q&A, Regulating Repetition Springs REGULATING Tools, Rejoined" NOISES Letters, Strategic Planning: Politics and Policy - Elections of Officers PIANO TECHNICIANS GUILD President's Message, Surfing the Net; Lesson Two: The Nuts & Bolts ELECTRONICS, The Business Meeting PIANO TECHNICIANS GUILD, The Discovery of the Piano PIANO TECHNICIANS GUILD Editorial Perspective, The Limits of Theory - Revisited TUNING, The Spies Piano: Gift of Renewal RESTORATION, The Traveling Shanks REGULATING Technostuff, Tips & Techniques, Tuning Longevity TUNING, Wolf, World's Best Lid Prop TOOLS & EQUIPMENT Tools, Yamaha Disklavier Service Class ELECTRONICS Letters, Young Chang Tunes Into Cyberspace With Site on World Wide Web INDUSTRY News

January 1996
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Articles

| TITLE | AUTHOR |
|---|---|
| Could It Be Something I Ate? | Gable, Roger |
| Do You Have the Right Temperament? | Day, Chris |
| Huh? Hear Again? You Bet! | Caldwell, Larry |
| Impact Tuning Hammers | Johnson, Jim |
| Introducing the PTG Vertical Regulation Curriculum | Carter, Gina |
| More on Inharmonicity | Albers, Norm |
| Posture Yourself For Good Health | Swafford, Bonnie Bauer |
| Quick Sandpaper Tricks | Rice, Paul |
| Repetitive Trauma Injuries in Piano Technicians - A Preliminary Study | Levy, Robert with Brady, Steve |
| Restrining Pianos using Original Pinblocks | Fandrich, Delwin |
| Stress - "That's for Other People" | Kim, Beverly |
| Taming Woodworking Noise | Vernon, Jack |
| Technical Exam is Step to RPT | Spiel, Curtis |
| Telephone Personality | Stone, Sid |
| Test Your Hearing Over the Phone | Baltimore Chapter |
| Tuning and Hearing Protection | Baird, John; Johnson, Dennis |
| Tuning and Hearing Protection | Hoffsommer, Conrad; McKone,John |
| Tuning and Hearing Protection | Porritt, David, Probst, Dale |
| Tuning and Hearing Protection | Stickney, Jeff; Stein, Israel |
| Tuning and Hearing Protection | Stivers, Mark; Musselwhite, J. |
| Tuning Pin Bushings | Anderson, Richard |
| Tuning Technique Part 1: Physical Technique | Levitan, Daniel |
| Tuning the Tuner | Brady, Steve |
| Tuning Tips | Buyce, Harry |

## KEYWORDS:

Could It Be Something I Ate? TECHNICIANS The Tuner's Life, Do You Have the Right Temperament? TUNING Letters, hearing protection foam earplugs tinnitus audiologist decibels OSHA Sonnic II musician's plugs, hearing protection foam plugs tinnitus audiologist decibels OSHA Sonic II musician's plugs earplugs, Huh? Hear Again? You Bet! TECHNICIANS The Tuner's Life, Impact Tuning Hammers TOOLS & EQUIPMENT Q&A, Introducing the PTG Vertical Regulation Curriculum PIANO TECHNICIANS GUILD PTG Review, More on Inharmonicity TUNING Letters, OTHER Technostuff, Posture Yourself For Good Health HEALTH & SAFETY, profession health and safety, Quick Sandpaper Tricks MATERIALS Tools, Repetitive Trauma Injuries in Piano Technicians - A Preliminary Study HEALTH & SAFETY, Restrining Pianos using Original Pinblocks REPAIR Q&A, Stress - "That's for Other People" HEALTH & SAFETY, Taming Woodworking Noise HEALTH & SAFETY, Technical Exam is Step to RPT EXAMS, Telephone Personality BUSINESS Marketing Ourselves, Test Your Hearing Over the Phone HEALTH & SAFETY Tools, Tips & Techniques, Tuning Pin Bushings PARTS, Tuning Technique Part 1: Physical Technique TUNING, Tuning Tips TUNING Tools

February 1996
CD# 4
Articles

| TITLE | AUTHOR |
|---|---|
| Are We Endangered? | Brady, Steve |
| Bluing Metal | Story, Mark with Davis, Bob |
| Building Your Humidity Control Business with PTG Marketing Tools | Russell, Bob |
| Do You Hear What I Hear? | Pettengill, Ed |
| In Today's Economy-Where are You Now? | Valley, Don |
| Key Height Regulation: A New Approach | Gibson, John |
| Mid-Life Crisis Pianos | Anderson, Richard |
| Moldy Bass Strings | Brady, Steve |
| More on Duplex Scales | Franklin, Dan |
| More on Repairing Separated Piano Backs | Tittle, Martin |
| Overstrung Bass Rescaling | Fairchild, Steve |
| PACE Lessons Appreciated | Johnson, Raymond |
| Piano Rental Program for Technicians | Carbo, Dick |
| Pitch-Raising Safety Factor | Fairchild, Steve |
| Romantic Era Piano Tuning-The Ordinary Temperament Com- | Ressl, Daniel |
| See Faces Not Just Tuning Pins | Schmitt, James |
| Special File for Plastic Keytops | Ashmore, Yvonne |
| Storing Used Ivory Heads | Ashmore, Yvonne |
| The Hammer Zone | Valley, Don |
| Troubleshooting Piano Problems | Juhn, Ernie |
| Why Do Pianos Go Out of Tune the Way they Do? | Fandrich, Del |

## KEYWORDS:

ACTION Behold the Upright, Bluing Metal REPAIR Q&A, Building Your Humidity Control Business with PTG Marketing Tools BUSINESS, Do You Hear What I Hear? TUNING, In Today's Economy-Where are You Now? BUSINESS PTG Review, Key Height Regulation: A New Approach REGULATING Tools, Mid-Life Crisis Pianos PIANO INDUSTRY Technostuff, Moldy Bass Strings PARTS, More on Duplex Scales TUNING Letters, More on Repairing Separated Piano Backs REPAIR Letters, OTHER Q&A, Overstrung Bass Rescaling THEORY, PACE Lessons Appreciated PIANO TECHNICIANS GUILD Letters, Piano Rental Program for Technicians BUSINESS, Pitch-Raising Safety Factor HEALTH & SAFETY Tools, profession Are We Endangered?, Romantic Era Piano Tuning-The Ordinary Temperament Commonly Practiced TUNING, See Faces Not Just Tuning Pins BUSINESS PTG Review, Special File for Plastic Keytops TOOLS & EQUIPMENT Tools, Storing Used Ivory Heads SHOP Tools, The Hammer Zone PARTS, Tips & Techniques, Troubleshooting Piano Problems REPAIR, Why Do Pianos Go Out of Tune the Way they Do? DESIGN Q&A

March 1996
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Articles

| TITLE | AUTHOR |
|---|---|
| Carrying Case for Dampp-Chaser Rods | Rice, Paul |
| Davies Lid Prop | Davies, Clair |
| Keeping Music Wire I | Hunt, Newton |
| Key Repairs | Brady, Steve |
| More Health Tips | Gallaway, Kent |
| New hammers, New Shanks, New Butts | Valley, Don |
| Salesman (ship) | Hallmark, Alan |
| Steinway Agraffe Replacement | Williams, Kermit |
| Steinway Sostenuto Monkey U-Pin | Fisher, Larry |
| The Cruelest Month | Brady, Steve |
| The Fairfield Charts: A New Method for Plain-Wire Rescaling | Fairchild, Steve |
| The Great Rubber Band Fix | Dragone, John |
| The Sweet Spot: Beyond Matched Frequencies in Unison Tuning | Trivelas, Chris |
| Troubleshooting Piano Problems, Part 2 | Juhn, Ernie |
| Tuning Technique-Part II, Procedural Technique | Levitan, Daniel |
| Waste Ends for Splicing | Rice, Paul |

## KEYWORDS:

ACTION Behold the Upright, Carrying Case for Dampp-Chaser Rods MISC. Tools, Davies Lid Prop TOOLS & EQUIPMENT Tools, Keeping Music Wire I PARTS, Key Repairs Editors Roundtable, More Health Tips HEALTH & SAFETY Letters, New Butts PARTS, New hammers, New Shanks, OTHER Letters, OTHER Q&A, Part 2 REPAIR, Procedural Technique TUNING, Salesman (ship) BUSINESS PTG Review, Steinway Agraffe Replacement PARTS, Steinway Sostenuto Monkey U-Pin PARTS, taxes The Cruelest Month, The Fairfield Charts: A New Method for Plain-Wire Rescaling THEORY, The Great Rubber Band Fix REPAIR Tools, The Sweet Spot: Beyond Matched Frequencies in Unison Tuning, Tips & Techniques, Troubleshooting Piano Problems, Tuning Technique-Part II, Waste Ends for Splicing REPAIR Tools

April 1996
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Articles

| TITLE | AUTHOR |
|---|---|
| Antibacterial Hand Cleaners | Harvey, Jim |
| Blown Away - By the NAMM Show! or . . Do Piano Technicians Have a Future? | Potter, Randy |
| Education is the Key to PTG | Speir, Leon |
| Help Teachers, Clients, and Build Your Business With a Piano Teacher Survey | Henry, Fern,Spurlock, Bill |
| Lost Intervals of The Temperament | Levitan, Daniel |
| Making the FAC Tuning | Fairchild, Steve |
| More on Hearing | Vernon, Jack |
| More on Why Pianos Go Out of Tune The Way They Do | Sturm, Fred |
| My Personal Taste In Well Temperament | Ressl, Daniel |
| Poor Damping in an Old Upright | Harvey,Jim;Musselwhite,John et |
| Poor Damping in an Old Upright | Porritt,David;Dempsey,Paul et |
| Poor Damping in an Old Upright | Smith,Les;Hartman,John et al |
| Rebushing Sticker Guide Rails | Dempsey,Paul;Greeley,Horace et |
| Rebushing Sticker Guide Rails | Edwardsen, Rob et al |
| Springs, Rails & Other Things | Valley, Don |
| Test Blows and Tuner's Health | Smith, Virgil |
| That Spinet Controversy | Brady, Steve |
| The Mechanics & Strength of Wood & Wood Structures Part 1- Basic Mechanics | Fandrich, Del |
| The Piano Page-What Is It? | Berry, Ronald L. |
| Troubleshooting Piano Problems-Part 3 | Juhn, Ernie |
| What's New? 1996 NAMM Show Review | Brady, Steve |
| Woodworking Adhesives and Their Uses | Minick, Chris |

## KEYWORDS:

ACTION Behold The Upright, and Build Your Business With a Piano Teacher Survey BUSINESS Marketing Ourselves, Antibacterial Hand Cleaners LUBRICANTS & CLEANERS Tools, Blown Away - By the NAMM Show! or . . Do Piano Technicians Have a Future? PIANO INDUSTRY, Clients, Education is the Key to PTG PIANO TECHNICIANS GUILD President's Message, Help Teachers, Lost Intervals of The Temperament TUNING, Making the FAC Tuning Tools, More on Hearing HEALTH & SAFETY Letters, More on Why Pianos Go Out of Tune The Way They Do DESIGN Letters, My Personal Taste In Well Temperament TUNING, Poor Damping in an Old Upright REGULATING Q&A, Rails & Other Things PARTS, Rebushing Sticker Guide Rails REPAIR Q&A, Springs, Test Blows and Tuner's Health TUNING Letters, That Spinet Controversy from 1947 The Piano Technician editorial, The Mechanics & Strength of Wood & Wood Structures Part 1- Basic Mechanics DESIGN, The Piano Page-What Is It? PIANO TECHNICIANS GUILD PTG Review, Tips & Techniques, Troubleshooting Piano Problems-Part 3 REPAIR, What's New? 1996 NAMM Show Review PIANO INDUSTRY, Woodworking Adhesives and Their Uses ADHESIVES

May 1996
CD# 4
Articles

| TITLE | AUTHOR |
|---|---|
| Another Key-Leveling Adjustment Screw | Cole, Tom |
| Chickering Round Nose-Bolt Nuts | Anderson, Richard et al |
| Chickering Round Nose-Bolt Nuts | Bittner,Richard;Kehe,Jack et al |
| Chickering Round Nose-Bolt Nuts | Mannino, Don et al |
| Chickering Round Nose-Bolt Nuts | Porritt,David;Hunt,Newton et al |
| Easy Piano Bench Inventory | Sadigursky, Isaac |
| Grand Piano Plate & Action Relationships | Vincent, Alan |
| Hammer Felt Close-Ups | Stanwood, David |
| Million-Dollar Tip! | Burton, Ken |
| Miracle Polishing Cloth | Fader, Rory with Brady, Steve |
| More on Tuned Duplex Scales | Fandrich, Del |
| Music Desk Glide-Felt Caul | Sadigursky, Isaac |
| PTG & The Piano Industry | Henry, Fern |
| Questioning Tuned Duplex Scales | Hughes, David |
| Rebuilding Your Piano | Revenko-Jones, Paul |
| Some Enchanted Seminar, You May Teach a Stranger-Tips & Suggestions for PTG Instructors | Smith, Evelyn |
| The Regulating Rail & Drop Action Peculiarities | Valley, Don |
| Thus "Spoke" Zabrocki | Zabrocki, Sy |
| Traditional Voicing Techniques | Smith, Virgil |
| Tuning Stability Etudes | Trivelas, Chris |
| Unremoveable Action | Florence,Rick;Reeves,Jack et al |
| Unremoveable Action | Gilreath,Allan;Leatha,Eric et |
| Unremoveable Action | Karabinus,Audrey et al |
| Voicing Methods | Brady, Steve |
| Voicing Tools for the Piano Technician | Severance, David |
| What is Good Tone? | Brady, Steve |

## KEYWORDS:

ACTION, ACTION Behold the Upright, ACTION Tools, Another Key-Leveling Adjustment Screw REGULATING Letters, Chickering Round Nose-Bolt Nuts PARTS, Easy Piano Bench Inventory BUSINESS Tools, Grand Piano Plate & Action Relationships DESIGN, Hammer Felt Close-Ups PARTS, Million-Dollar Tip! TUNING Tools, Miracle Polishing Cloth LUBRICANTS & CLEANERS Q&A, More on Tuned Duplex Scales DESIGN Letters, Music Desk Glide-Felt Caul REPAIRS Tools, OTHER Q&A, PTG & The Piano Industry PIANO INDUSTRY PTG Review, Questioning Tuned Duplex Scales DESIGN Letters, Rebuilding Your Piano REBUILDING, Some Enchanted Seminar, The Regulating Rail & Drop Action Peculiarities PARTS, Thus "Spoke" Zabrocki PARTS, Tips & Techniques, Traditional Voicing Techniques VOICING, Tuning Stability Etudes TUNING, Unremoveable Action ACTIONS Q&A, Voicing Methods VOICING Editor's Roundtable, Voicing Tools for the Piano Technician VOICING, What is Good Tone?, You May Teach a Stranger-Tips & Suggestions for PTG Instructors PIANO TECHNICIANS GUILD

June 1996
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Articles

| TITLE | AUTHOR |
|---|---|
| Broken Plastic Action Parts | McGavern,Keith;Hopland,Ray et a |
| Broken Plastic Action Parts | Stephens,Paul;Probst,Dale et al |
| Broken Plastic Action Parts | Ward,Elizabeth;Brady,Steve et a |
| Chasing the Wolf | Coleman, James W. |
| Electronic Gram Scale | Brady, Steve |
| New Touchweight Metrology | Stanwood, David |
| PACE Academy Has Something For Everyone | Olsen, Paul |
| Pianawareness | Brady, Steve |
| Polishing Keypins | Dover, Danny |
| Refinishing Sharps | Neblett, Norman |
| Reply on December 95 Editorial referencing "Repairing and Regulating of Pianos" | Serviss, Ken |
| RPTs & Marketing | Russell, Bob |
| Sharp Work! | Greeley,Horace et al |
| Sharp Work! | Potter,Randy;Stephens,Paul et a |
| Sharp Work! | Sanderson,David;Hohf,Bob et al |
| Tapering Hammers | Gregg, Chris |
| The Crack in the Back | Valley, Don |
| The Mechanics & Strength of Wood & Wood Structures Part 2-The Strength and Structure of Wood | Fandrich, Del |
| Where's the Click? | Durben, David |

## KEYWORDS:

ACTION, ACTION Q&A, Broken Plastic Action Parts, Chasing the Wolf TUNING, Electronic Gram Scale TOOLS & EQUIPMENT Tools, New Touchweight Metrology THEORY, OTHER, OTHER Behold the Upright, PACE Academy Has Something For Everyone PIANO TECHNICIANS GUILD Convention, pianos in the media, Polishing Keypins SERVICE Tools, Refinishing Sharps PARTS, Reply on December 95 Editorial referencing "Repairing and Regulating of Pianos" REGULATING Letters, RPTs & Marketing BUSINESS Marketing Ourselves, Sharp Work! TOOLS & EQUIPMENT Q&A, Tapering Hammers PARTS, The Crack in the Back PARTS, The Mechanics & Strength of Wood & Wood Structures Part 2-The Strength and Structure of Wood DESIGN The Designer's Notebook, Tips & Techniques, Where's the Click? NOISES Tools

July 1996
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Articles

| TITLE | AUTHOR |
|---|---|
| Another Perspective-On Humidity-Related Tuning Instability | Fandrich, Del |
| Balance Rail Hole Repair | Day, Chris |
| Business Tips | Russell, Bob |
| Down To The Wire | Chandler, Ray |
| Ethics in Our Profession | Stone, Sid |
| Foreign Suppliers | Brady, Steve |
| Hammers & Tone | Gravagne, Nick |
| Is the Good Service Responsibility a Part of Your Plan? | Henry, Jami |
| More on Tuning Instability | Churchill, Ken |
| Pianos for Cuba | French, Frank |
| PTG-L: Our Lane on the Information Super-Highway | Brady, Steve |
| Responding to Fairchild | Donelson, James |
| Solo Troubleshooting | Orgel, Ken |
| Sound Reflectors for Easier Tuning | Durben, David |
| Soundboard Repair & Getting Ready to Restring | Valley, Don |
| Storing Music Wire in Humid Climate | Moore, David |
| Stubborn Damper Problem | Coleman, James W.Sloane,Ken et |
| Stubborn Damper Problem | Hunt, Newton et al |
| Stubborn Damper Problem | McNeil,Tom;Myrkalo,Vince et al |
| The New Piano-Are We Killing the Industry? | Valley, Don |
| Touch-Up Tuning | Trivelas, Chris |
| Troubleshooting Problem | Hilbert, Ed with Hunt, Newton |
| Victorian Temperament | Jorgensen, Owen |
| Wax On . . Wax Off! | Brady, Steve;Story,Mark et al |
| Wax On . . Wax Off! | Fader,Rory et al |

## KEYWORDS:

ACTION, Another Perspective-On Humidity-Related Tuning Instability HUMIDITY, Balance Rail Hole Repair Tools, Business Tips BUSINESS Marketing Ourselves, Down To The Wire PARTS, Ethics in Our Profession MISC. PTG Review, Foreign Suppliers INTERNATIONAL Q&A, Hammers & Tone PARTS, Is the Good Service Responsibility a Part of Your Plan? PIANO TECHNICIANS GUILD Editorial Perspective, More on Tuning Instability TUNING Letters, Pianos for Cuba INTERNATIONAL letters, PTG-L: Our Lane on the Information Super-Highway, Responding to Fairchild TUNING Letters, Solo Troubleshooting NOISES Tools, Sound Reflectors for Easier Tuning Tools, Soundboard Repair & Getting Ready to Restring REPAIR Behold The Upright, Storing Music Wire in Humid Climate HUMIDITY Tools, Stubborn Damper Problem NOISES Q&A, The New Piano-Are We Killing the Industry? PIANO INDUSTRY Economic Affairs, Tips & Techniques, Touch-Up Tuning, Troubleshooting Problem REGULATING Q&A, Victorian Temperament TUNING, Wax On . . Wax Off! LUBRICANTS & CLEANERS Q&A

August 1996
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Articles

| TITLE | AUTHOR |
|---|---|
| 38* Steps To Endearment | Stone, Sid |
| A Prairie Home Piano Crash | Sikora, Walter |
| Action Blues | Glenn,Phil;Myrkalo,Vince et al |
| Action Blues | Hilbert,Ed et al |
| Action Blues | Lamoreaux,Dave;Brady,Steve et a |
| Action Blues | Myrkalo,Vince;Flaum,Charles et |
| Action Blues | Seay,Tom;Hunt,Newton et al |
| Action Power Part 1-Exploring the Limits of Piano Action Dynamics | Fandrich, Del |
| An Adjustable Action Model | Sambell, Ted |
| An Easy, Accurate Bearing Plan | Ressl, Daniel |
| And Still More On Why Pianos Go Out of Tune the Way They Do | Clayton, Bill |
| Another Hammer-Tapering Jig | Gregg, Chris |
| Let's Make a New Bass Bridge Before We Restring | Valley, Don |
| Lyre Repair | Hershberger,Doug et al |
| Lyre Repair | Hunt, Newton;Hussa,Robert et al |
| Lyre Repair | Karabinus,Audrey et al |
| Lyre Repair | Mannino, Don et al |
| Lyre Repair | Mark;McNeil,Tom,Brady,Steve et |
| Lyre Repair | McGavern,Keith et al |
| Modified Rubber Mute | Chen, Fengsheng |
| More on Humidity-Related Pitch Changes | Fandrich, Del |
| Re-Weighting a Keyboard | Bressette-Mills, Jack |
| Specialty Clamps | Bartnik, Bob |
| The Road to Mastery | Brady, Steve |
| Tuning the Small Piano | Clayton, Bill |
| Understanding Tenor Break in the Stringing Design | Day, Chris |
| What is Sound? | Fandrich, Del |

## KEYWORDS:

38* Steps To Endearment BUSINESS PTG Review, A Prairie Home Piano Crash TECHNICIANS The Tuner's Life, Accurate Bearing Plan TUNING, Action Blues REGULATING Q&A, Action Power Part 1-Exploring the Limits of Piano Action Dynamics DESIGN The Designers Notebook, ACTION Tools, An Adjustable Action Model MISC., An Easy, And Still More On Why Pianos Go Out of Tune the Way They Do DESIGN Letters, Another Hammer-Tapering Jig PARTS, Let's Make a New Bass Bridge Before We Restring PARTS, Lyre Repair Q&A, mastery of craft requires continual learning, Modified Rubber Mute TOOLS & EQUIPMENT Tools, More on Humidity-Related Pitch Changes HUMIDITY Letters, OTHER Behold The Upright, Re-Weighting a Keyboard REGULATING Tools, Specialty Clamps REPAIR Tools, Tips & Techniques, Tuning the Small Piano TUNING, Understanding Tenor Break in the Stringing Design, What is Sound? THEORY

September 1996
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Articles

| TITLE | AUTHOR |
|---|---|
| Dealers and Us | Hickey, Jeffrey |
| Fitting the Pinblock | Fandrich, Del |
| I Glove You, Man | Brady, Steve |
| Key-Front Mortise Replacement | Hunt, Newton |
| Mini-Scalpel | Bartnik, Bob |
| More on Protecting Hearing While Tuning | Aanstad, Odd |
| Number Please | Ballard, Bill |
| Plate Cosmetics | Brady, Steve |
| Soundboard Crown Sticks | Guthrie, Ward |
| Stringing the Back | Valley, Don |
| Success or . . Success | Reeder, James |
| The More Things Change | Brady, Steve |
| Touch-Up Tuning Revisited | Trivelas, Chris |
| Tuning The Octave | Clayton, Bill |
| What's In a Name? | Swackhamer, Wm. |

## KEYWORDS:

cooperation within piano industry technicians promote piano sales and study, Dealers and Us PIANO INDUSTRY Letters, Fitting the Pin-block REBUILDING Q&A, I Glove You, Key-Front Mortise Replacement REPAIR, Man TOOLS & EQUIPMENT Tools, Mini-Scalpel TOOLS & EQUIPMENT Tools, More on Protecting Hearing While Tuning HEALTH & SAFETY Letters, Number Please REPAIR, Plate Cosmetics REPAIR Editor's Roundtable, Soundboard Crown Sticks TOOLS & EQUIPMENT Tools, Stringing the Back REBUILDING Behold The Upright, Success or . . Success TECHNICIANS The Tuner's Life, Tips & Techniques, Touch-Up Tuning Revisited TUNING, Tuning The Octave TUNING, What's In a Name? TUNING

October 1996
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Articles

| TITLE | AUTHOR |
|---|---|
| A Look Back at Dearborn | |
| Ant Philosophy 101 | Neie, Gary |
| Behold the Upright-The Finish Line | Valley, Don |
| BRM a Must Read | Russell, Bob |
| Dear PTG Members | Boone, Barbara |
| Grand Action "Pitch Raise" | Eschete, Ken |
| History of the Piano-Part I | Bullock, Bob |
| Klaatu Barada Nickto | Juhn, Ernie |
| Offset Needle-Nose Pliers | Sadigursky, Isaac |
| Protecting Your Chemicals | Hershberger,Doug et al |
| Protecting Your Chemicals | Kunsky,Laura;Harvey,Jim et al |
| Protecting Your Chemicals | McGavern,Keith;Burton,Ken et al |
| Response to Darrell Fandrich | Sturm, Fred |
| Studley Tool Chest Makes Smithsonian | Sampson, William |
| Tales of William Braid White | Ireland, David |
| The Ethics of Broken Strings | Rhodes, Doug |
| Tool Cases for Piano Technicians | Severance, David |
| Tools 'R' Us | Brady, Steve |
| Torch That Heat Gun! | Brady, Steve |
| Troubleshooting Buzzes | Dempsey,Paul;Rush,Tom et al |
| Troubleshooting Buzzes | Florence,Rick;Beach,Laurence et |
| Troubleshooting Buzzes | Foote,Ed;Hershberger,Doug et al |
| Troubleshooting Buzzes | McGavern,Keith;Dover,Danny et |
| Troubleshooting Buzzes | Musselwhite,John et al |
| Troubleshooting Buzzes | Thile,Scott et al |
| Tune the Piano to the Organ | Dickerson, Matt |

## KEYWORDS:

A Look Back at Dearborn PIANO TECHNICIANS GUILD, Ant Philosophy 101 BUSINESS PTG Review, Behold the Upright-The Finish Line REBUILDING, BRM a Must Read BUSINESS, Dear PTG Members PIANO TECHNICIANS GUILD Letters, Grand Action "Pitch Raise" REGULATING, History of the Piano-Part I HUMOR Grand Illusions, Klaatu Barada Nickto TOOLS & EQUIPMENT Tools, Offset Needle-Nose Pliers TOOLS & EQUIPMENT Tools, Protecting Your Chemicals ADHESIVES Q&A, Response to Darrell Fandrich HUMIDITY Letters, Studley Tool Chest Makes Smithsonian TOOLS & EQUIPMENT, Tales of William Braid White TECHNICIANS, The Ethics of Broken Strings BUSINESS Letters, Tips & Techniques, Tool Cases for Piano Technicians TOOLS & EQUIPMENT, tools, Torch That Heat Gun! TOOLS & EQUIPMENT Tools, Troubleshooting Buzzes NOISES Q&A, Tune the Piano to the Organ TUNING Tools

November 1996
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Articles

| TITLE | AUTHOR |
|---|---|
| "Voicing" Vertical Dampers | Shiflet, Ron |
| 1997 PTG Tour of Switzerland, Italy and Greece | Hilbert, Ed |
| All About Lead | Simon, Bill |
| Close Encounters of the Salad Master Kind | Ballard, Bill |
| Full-Service Approach | Brady, Steve |
| Grand Piano Pedal Problems | Brady, Steve |
| History of the Piano-Part II of Part I | Bullok, Bob |
| How to Change for Out-of-Town Work? | DeRocher, Jim and Ball, Charles |
| Industry News | |
| Industry News | |
| Installing New Grand Dampers & Wires | Coleman, James W. |
| Looking For Perfect Pitch | |
| My Shop Hoist | Fisher, Larry |
| Optimized Aural/Electronic Tuning | Vieland, Leon |
| Piano Tuning, Pets & Composure | Jenson, David |
| Politics and the Piano Technicians Guild | Speir, Leon |
| Selling the Work We Love | Ballard, Bill |
| Spells - Finding Ways To Make A Difference | Goldsmith, Larry |
| The Precise Blob | Trivelas, Chris |
| The Saga Continues . . . | Sturm, Fred |
| The Tooth Fairy | Kunsky, Laura |
| Using PTG Marketing Tools | Brooks, Vivian et al |
| Using PTG Marketing Tools | Paluck,Gerry;Genck,Bruce et al |
| Weldbond Glue | Swafford, Kent |

## KEYWORDS:

"Voicing" Vertical Dampers PARTS, 1997 PTG Tour of Switzerland, ACTION Q&A, ACTION Tips, All About Lead MATERIALS Q&A, Close Encounters of the Salad Master Kind TUNING Tips, full service approach, Grand Piano Pedal Problems NOISES Editor's Roundtable, History of the Piano-Part II of Part I HUMOR Grand Illusions, How to Change for Out-of-Town Work? BUSINESS Q&A, Industry News PIANO INDUSTRY PTG Review, Industry News PIANO MANUFACTURERS PTG Review, Installing New Grand Dampers & Wires PARTS, Italy and Greece INTERNATIONAL, Looking For Perfect Pitch TUNING PTG Review, My Shop Hoist TOOLS & EQUIPMENT Tips, Optimized Aural/Electronic Tuning, Pets & Composure HUMOR The Tuner's Life, Piano Tuning, Politics and the Piano Technicians Guild PIANO TECHNICIANS GUILD President's Message, Selling the Work We Love BUSINESS, Spells - Finding Ways To Make A Difference INDUSTRY Review, The Precise Blob TUNING, The Saga Continues . . . HUMIDITY Letters, The Tooth Fairy REVIEWS PTG Review, Tools & Techniques, Using PTG Marketing Tools BUSINESS Tips, Weldbond Glue ADHESIVES Tips

December 1996
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Articles

| TITLE | AUTHOR |
|---|---|
| Action Power-Part II Improving Piano Action & Efficiency & Power | Fandrich, Delwin |
| An Essay on the History of Tuning-Part I | Becker, Skip |
| Bechstein Pinblocks - "Not for Everybody" | Hohf, Bob |
| Beethoven Vs. The Dinosaurs! | McKay, Doug |
| Darrell Fandrich Responds to Fred Sturm | Fandrich, Darrell |
| Easy-on-the-Back Piano Moving | Hubka, Gerry; Shiflet, Ron |
| Helping Chapters Help Themselves | Fippin, Kim |
| I Give Full Service | Mehaffey, Joe |
| In Bankruptcy, Mason & Hamlin In Pitched Legal Battle | Staff |
| Industry News | |
| Magnet Dish | Sadigursky, Isaac |
| Marketing Options | Santo, Lee |
| NPF Launches School Music Program | |
| On A Roll To Orlando-July 23-27, 1997 | |
| Partial Restringing | Foote, Ed; McNeil, Tom |
| Removing Grand Backchecks | Brady, Steve |
| Repair for Broke, Oversized Agraffe | Reeder, James |
| Replacing Let-off Buttons | Hunt, Newton |
| Schwander-type Hammer Butts | Brady, Steve |
| Sniffing Out the Solution | Gable, Roger |
| So, Ya Wanna Be a Writer | Brady, Steve |
| Steinway Income Up | |
| The Mini-Techs are Back! | Anderson, Bob |
| Vintage Water | Sosnick, Murray |
| Watch Out For Those Elbows! | Ellis, Jim |

## KEYWORDS:

1997, ACTION Editor's Roundtable, Action Power-Part II Improving Piano Action & Efficiency & Power REGULATING The Designer's Notebook, ACTION Q&A, An Essay on the History of Tuning-Part I HISTORY, Bechstein Pinblocks - "Not for Everybody" MANUFACTURERS, Beethoven Vs. The Dinosaurs! HUMOR Grand Illusions, Darrell Fandrich Responds to Fred Sturm HUMIDITY Letters, Easy-on-the-Back Piano Moving HEALTH & SAFETY Q&A, Helping Chapters Help Themselves PIANO TECHNICIANS GUILD Chapter Services News, I Give Full Service HUMOR Grand Illusions, In Bankruptcy, Industry News MANUFACTURERS PTG Review, Magnet Dish TOOLS & EQUIPMENT Tools, Marketing Options BUSINESS Economic Affairs Committee, Mason & Hamlin In Pitched Legal Battle INDUSTRY News, NPF Launches School Music Program PIANO INDUSTRY News, On A Roll To Orlando-July 23-27, OTHER Q&A, Oversized Agraffe REPAIR Tools, Partial Restringing PARTS, Removing Grand Backchecks PARTS ACTION Tools, Repair for Broke, Replacing Let-off Buttons PARTS, Schwander-type Hammer Butts PARTS, Sniffing Out the Solution REPAIRS Tools, Steinway Income Up MANUFACTURERS Industry News, The Mini-Techs are Back! PIANO TECHNICIANS GUILD PTG Review, Tips & Techniques, Tips Techniques, Vintage Water HUMOR Grand Illusions, Watch Out For Those Elbows! HEALTH & SAFETY The Tuner's Life, writing for the Journal how to prepare suggestions

January 1997
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Articles

| TITLE | AUTHOR |
|---|---|
| An Ethical Analysis | Churchill, Ken |
| Aural and Visual Tuning Techniques | Coleman, James W. Smith, Virgil |
| Comegen Termites & Pianos | Treuhaft, Benjamin |
| Grinders/Sharpeners | Bordeleau, Ed; Hunt, Newton |
| Hands-On Got You Tight Around The Collar? | Ragusa, John |
| Leakproof Oiler | Willanger, Susan |
| Look for Opportunities | Neie, Gary |
| Mystery Ringing | Day, Chris |
| On Tuning The A3-A4 Octave | Tremper, Fred W. |
| Punching Tool | Fisher, Larry |
| Reyburn CyberTuner - Innovations in Visual Tuning | Swafford, Kent |
| The Great Chicago Tune-Off | Brady, Steve |
| Tuning Hammers | Severance, David |
| Tuning the m3-M6 Octave | Day, Chris |
| Two New Books about the Steinway: A Comparative Review | Johnson, Wade |
| Whacky Hammers | Coleman, James W. et al |
| Whacky Hammers | Poulson,Pat;Davis,Bob et al |
| Your Friend, the Unison | Ballard, Bill |

## KEYWORDS:

An Ethical Analysis Letters, Aural and Visual Tuning Techniques, Comegen Termites & Pianos Q&A, Grinders/Sharpeners Q&A, Hands-On Got You Tight Around The Collar? PTG Review, Leakproof Oiler TT&T, Look for Opportunities Economic News & Views, Mystery Ringing TT&T, On Tuning The A3-A4 Octave, Punching Tool TT&T, Reyburn CyberTuner - Innovations in Visual Tuning, The Great Chicago Tune-Off, the Unison, Tuning Hammers, Tuning the m3-M6 Octave TT&T, Two New Books about the Steinway: A Comparative Review Book Review, Whacky Hammers Q&A, Your Friend

February 1997
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Articles

| TITLE | AUTHOR |
|---|---|
| A Simple Shop Hoist | Kiddell, Rob |
| An Essay on the History of Tuning-Part II | Becker, Skip |
| Baldwin Announces Personnel Changes | Staff |
| Bechstein Pinblocks-Part II | Hohf, Bob |
| ETS Prepared to Serve | Bittner, Richard |
| Finessing Pianists & Their Instruments | Burkhalter, Nancy |
| Handling the Large Pitch Raise | Bruce,Gary, Piesik,John et al |
| Handling the Large Pitch Raise | Coleman, James W., Torrella,Ron |
| Handling the Large Pitch Raise | Rappaport,Joel;Blees,Willem et |
| Handling the Large Pitch Raise | Todd,Avery;Page,Jon et al |
| In Pursuit Of Perfection: A Chronicle of the Piano's Most Illustrious Builder | Ball, Charles |
| Installation of Humidity Control Systems | Mair, Bob |
| Non-Slip Screwdrivers | Brady, Steve |
| Nylon Pedal Mounts | Porritt, David |
| Prepping Verticals For Fun & Profit-Part I | Juhn, Ernie |
| Replacing a Missing Bass String | Marten, Linda |
| Schedule to Build Your Business | Neie, Gary |
| The Financial Point of View | Trivelas, Chris |
| The Piano's Contribution to Civilization-Part I | Bullok, Bob |
| Two Cool Tools | Piesik, John |
| WonderWand to be Sold by Co-Inventor | Staff |

## KEYWORDS:

A Simple Shop Hoist, An Essay on the History of Tuning-Part II, Baldwin Announces Personnel Changes  Industry News, Bechstein Pinblocks-Part II, ETS Prepared to Serve EXAMS Examinations, Finessing Pianists & Their Instruments  The Tuner's Life, Handling the Large Pitch Raise  Q&A, In Pursuit Of Perfection: A Chronicle of the Piano's Most Illustrious Builder  Book Review, Installation of Humidity Control Systems  Q&A, Non-Slip Screwdrivers  TT&T, Nylon Pedal Mounts  Q&A, Prepping Verticals For Fun & Profit-Part I, Replacing a Missing Bass String  TT&T, Schedule to Build Your Business  Economic News & Views, The Financial Point of View, The Piano's Contribution to Civilization-Part I  Grand Illusions, Two Cool Tools  TT&T, WonderWand to be Sold by Co-Inventor  Industry News

March 1997
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Articles

| TITLE | AUTHOR |
|---|---|
| "Babying" the Glue | Shiflet, Ron |
| An Essay on the History of Tuning-Part III | Becker, Skip |
| Bechstein Pinblocks-Part III | Hohf, Bob |
| Billing Flanges | Greeley, Horace |
| Business Card Tricks | Bartnik, Bob |
| Darrell Fandrich Responds | Fandrich, Darrell |
| Dust-Free Spraying | Bartnik, Bob |
| E-Mail-The Great Equalizer | Springer, Bill |
| Ethics, Expectations & Marketing | Bowman, Keith |
| Let My Hammer Go! | Barasa,Barb;Rose,Don et al |
| Let My Hammer Go! | Bittner,Richard;Maxim et al |
| Let My Hammer Go! | Elving,John;Hunt,Newton et al |
| Let My Hammer Go! | Hickey,Jeff;Blees,Willem et al |
| Let My Hammer Go! | Kiddel, Rob et al |
| PianoNet Website Provides Musicians with an Online Information Center | Staff |
| Prepping Vertical Pianos for Fun and Profit-Part 2 | Juhn, Ernie |
| Removing & Replacing Keyframe Pins | Scoles,Fred;Gilreath,Allan et |
| Removing & Replacing Keyframe Pins | Seay,Tom;Hunt,Newton et al |
| Ringing Up Long-Distance Savings | Neie, Gary |
| Roll Over, Cristofori | Brady, Steve |
| Roll Over, Cristofori | Brady, Steve |
| So You Want To Be A (Woman) Piano Tuner | Burkhalter, Nancy |
| Still More on Tuning Instability Due to Humidity Change | Churchill, Ken |
| The Piano's Contribution to Civilization-Part II | Bullok, Bob |
| Wedge That Prop! | Fippin, Kim |
| Working With Keys | Hunt, Newton |

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"Babying" the Glue TT&T, An Essay on the History of Tuning-Part III, Bechstein Pinblocks-Part III, Billing Flanges Q&A, book review, Business Card Tricks TT&T, by Steward Pollens, Cambridge University Press. London: 1995 297 pages, Cristofori Book Review, Darrell Fandrich Responds Letters, Dust-Free Spraying TT&T, E-Mail-The Great Equalizer, Ethics, Expectations & Marketing Ourselves, Let My Hammer Go! Q&A, PianoNet Website Provides Musicians with an Online Information Center Industry News, Prepping Vertical Pianos for Fun and Profit-Part 2, Removing & Replacing Keyframe Pins Q&A, Ringing Up Long-Distance Savings Economic News & Views, Roll Over, So You Want To Be A (Woman) Piano Tuner The Tuner's Life, Still More on Tuning Instability Due to Humidity Change Letters, The Early Pianoforte, The Piano's Contribution to Civilization-Part II Grand Illusions, Wedge That Prop! TT&T, Working With Keys

April 1997
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Articles

| TITLE | AUTHOR |
|---|---|
| A Humid Recital Stirs Bangkok | |
| Aural Tuning Checks | Smith, Virgil E. |
| Baldwin Leather Replacement | Kiddell, Rob |
| Can We Survive? | Schmitt, James |
| Good Reasons To Read | Patten, Tom |
| Key Bushing Tester | Cashion, Jack |
| More on Removing & Replacing Key Pins | Scoles, Frederick |
| Music Beats Computers at Enhancing Early Childhood Development | |
| Pedal Bracket Blues | Fisher, Warren |
| Quick Let-Off Tricks | Coleman, Sr., Jim |
| SAT Note Switch Tip | Beaton, Dick |
| Strings Cannot be Tuned | Ilvedson, D; Shiflet, Ron et al |
| Strings Cannot be Tuned | Poulson, Patrick et al |
| Strings Cannot be Tuned | Scoles, F; Todd, A; Ritchie, M |
| The Piano in America, 1890-1940 | Brady, Steve |
| Tuning In Tonga | Appleton, Jon |
| Tuning Pins in New Pianos | Coleman, J; Nossaman, Ron et al |
| Tuning Pins in New Pianos | Hunt, Newton et al |
| Upright Sostenuto Regulation | De Tar, Brian |
| Varying The Stretch-Part I | Coleman, Sr., Jim |

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May 1997
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Articles

| TITLE | AUTHOR |
|---|---|
| "Pitch Creep" | Greene, Terry |
| "Some Old Guy" | Greeley, Horace |
| Altering The Stretch-Part II | Coleman, Sr., Jim |
| An Essay on the History of Tuning: Part IV | Becker, Skip |
| Bringing the Mountain to Mohammed | Cashion, Jack |
| Clarification & Correction | Rosen, Howard |
| Fred Tremper Responds | Tremper, Fred |
| Health Crisis Averted | Ballard, Bill |
| In Response to Leon Vieland, Ph.D.. | Fandrich, Darrel |
| Lacquering Soft Hammers | Simmons, Ted |
| Mysterious Action Problem | Coleman, J; Hershberger, Doug |
| Mysterious Action Problem | Mannino, Don; Hunt, Newton et a |
| Mysterious Action Problem | Maxim, B; Graham, M; Porritt, D |
| Mysterious Action Problem | Seay, T; Page, J; Mrykalo, V |
| Of Mice and Men and Pianos: A Look at the Hantavirus in Relation to Piano Technicians | Cantrell, Norman |
| Squeaking Knuckles | Schell, Steve; Bittner, Richard |
| Squeaking Knuckles | Schmidt, Arnold, Sturm, Fred |
| Stretcher Protection | Brady, Steve |
| The Davies Key Striker | Davies, Clair |
| The Effect of Bridge Movement on Tuning Stability | Vieland, Leon |
| The Measure of Music | Brady, Steve |
| The New York City Tool Kit | Levitan, D; New York City Chapt |
| Time is Now for Retirement Investing | Neie, Gary |

## KEYWORDS:

"Pitch Creep" HUMOR Grand Illusions, "Some Old Guy" P TECHS The Tuner's Life, 1995., Altering The Stretch-Part II TUNING, An Essay on the History of Tuning: Part IV TUNING, Bringing the Mountain to Mohammed VOICING TT&T, Clarification & Correction TUNING Letters, Fred Tremper Responds TUNING Letters, Health Crisis Averted HUMOR Grand Illusions, In Response to Leon Vieland, Lacquering Soft Hammers VOICING TT&T, Measure for Music: A Musical History of Science by Thomas Levenson. Touchstone, Mysterious Action Problem REGULATING Q&A, New York, Of Mice and Men and Pianos: A Look at the Hantavirus in Relation to Piano Technicians VERMIN, Ph.D.. HUMIDITY Letters, Squeaking Knuckles Q&A, Stretcher Protection SHOP TT&T, The Davies Key Striker TOOLS TT&T, The Effect of Bridge Movement on Tuning Stability HUMIDITY, The New York City Tool Kit TOOLS, Time is Now for Retirement Investing BUSINESS Economic Affairs Com

June 1997
CD# 4
Articles

| TITLE | AUTHOR |
|---|---|
| Adjustable Key Bushing Clamp | Elmer, Francis |
| Avoid Clogged Aerosol Nozzles | Jeschke, Al |
| Books for Dummies Just the Beginning | Neie, Gary |
| Child Development and the Important Role of Music Making | Linkin, Larry |
| Ethics, The Law, & Piano Technicians | Brady, Mark |
| Fitting Hammers to Strings | Gregg, Chris |
| Masochistic Music Inc.(or Accounting for Tuners & Other Dummies) | Bryant, Jim |
| Measuring for Coils | Elmer, Francis |
| More Than Furniture | Coleman, Jr., Jim |
| Mysterious Action Problem | Barasa, B; Carter, G; Cole, Tom |
| Mysterious Action Problem | Foote, Ed; Page, Jon; Hunt, N |
| Mysterious Action Problem | McGavern, K; Farinella, Charles |
| Mysterious Action Problem | Sanderson, D; Poulson, P |
| Piano Technicians Insurance Program | Kiser, Jerry, CIC |
| Planning for the Future | Brady, Steve |
| Regarding Bob Hohf's Bechstein Series | Albers, Norm |
| The Business of Tuning-Part I | Brady, Steve |
| Trademark Owners' Legal Interests in Rebuilt Musical Instruments | Miller, Charles, JD |
| Using The Telephone | Burton, Ken |

## KEYWORDS:

& Piano Technicians BUSINESS, Adjustable Key Bushing Clamp REPAIRS TT&T, Avoid Clogged Aerosol Nozzles SHOP TT&T, Books for Dummies Just the Beginning BUSINESS Economic News & View, Child Development and the Important Role of Music Making MISC. Letters, Ethics, Fitting Hammers to Strings VOICING TT&T, Masochistic Music Inc.(or Accounting for Tuners & Other Dummies) BUSINESS, Measuring for Coils TOOLS TT&T, More Than Furniture PTG, Mysterious Action Problem ACTIONS Q&A, Piano Technicians Insurance Program INSURANCE, Planning for the Future, Regarding Bob Hohf's Bechstein Series DESIGN Letters, The Business of Tuning-Part I BUSINESS Editor's Roundtable, The Law, Trademark Owners' Legal Interests in Rebuilt Musical Instruments BUSINESS, Using The Telephone BUSINESS

July 1997
CD# 4
Articles

| TITLE | AUTHOR |
|---|---|
| A Curiously Recurring Click | |
| Altering the Stretch-Part III | Coleman, Sr., Jim |
| An Essay on the History of Tuning-Part V | Becker, Skip |
| Grand Hammershank Trimming Block | Sambell, Ted |
| Handle for Pulling Grand Actions | Churchill, Ken |
| In Tune With Life | Brady, Steve |
| Jumping Tuning Pins | Beaton, Dick; McGavern, Keith |
| Jumping Tuning Pins | Nichols, Guy; Jeschke, Al |
| MTNA Elects New Officers | Staff |
| Nashville Chapter Rebuilds Garth's Piano | |
| Plastic Elbow Removal | Soule, Robert |
| Quick Fix for Non-Checking Grand Hammers | Juhn, Ernie |
| Replacing Bass String Sets | Ilvedsen, D; Cole, T; Todd, A |
| Replacing Bass String Sets | Smith, Les; Hunt, Newton et al |
| Stripped Plate Bolts | Musselwhite, J; Mrykalo, Vince |
| Telling All About Liszt | Brown, Richard M. |
| The Business of Tuning-Part II | Brady, Steve |
| The Designer's Notebook: The Problem of Small Pianos-Part I | Fandrich, Delwin |
| The Easy Way to Ease Keys | Brady, Steve |

## KEYWORDS:

1997 140 pages, A Curiously Recurring Click HUMOR Grand Illusions, Altering the Stretch-Part III TUNING, An Essay on the History of Tuning-Part V TUNING, by Denele Pitts Campbell Sarasota, FL: Pineapple Press, Grand Hammershank Trimming Block TOOLS/EQUIP, Handle for Pulling Grand Actions TOOLS/EQUIP TT&T, Jumping Tuning Pins TUNING Q&A, MTNA Elects New Officers P INDUSTRY News, Nashville Chapter Rebuilds Garth's Piano PTG, Notes of a Piano Tuner, Plastic Elbow Removal TOOLS/EQUIP TT&T, Quick Fix for Non-Checking Grand Hammers REGULATING TT&T, Replacing Bass String Sets REBUILDING Q&A, Stripped Plate Bolts REPAIR Q&A, Telling All About Liszt REVIEWS, The Business of Tuning-Part II BUSINESS Editor's Roundtable, The Designer's Notebook: The Problem of Small Pianos-Part I DESIGN The Designers, The Easy Way to Ease Keys TOOLS/EQUIP TT&T

August 1997
CD# 4
Articles

| TITLE | AUTHOR |
|---|---|
| "Farming Out" to Build Business | Neie, Gary |
| A 30-Ton Pneumatic Soundboard Press-Part I | Davies, Clair |
| An Essay on the History of Tuning-Part VI | Becker, Skip |
| Becker Correction | Logan, St. Clair |
| Bridle Strap Replacement | Kiddell, Rob |
| Chickering Grand Dampers | Edwardsen, Rob; Ballard, Bill |
| Chickering Grand Dampers | Smith, Les; Barrett, Norman |
| Chickering Grand Dampers | Stanwood, David et al |
| Clarifying Working With Keys | Raichle, Gretchen |
| Equal Temperament by Pure 5ths | Coleman, Sr., Jim |
| First Response to Jim Coleman's Article (Equal Temperaments by 5ths) | Brady, Steve |
| Hash & Rehash | Brady, Steve |
| Improved SAT Light Pattern in Fifth Octave | Hunt, Newton |
| Lifetime Sandpaper? | Bartnik, Bob |
| More on Tool-kit Minimalism | Houghtelin, Paul |
| Protect That Rim! | Vanderlip, David |
| Tightening Plate Screws | Reyburn, D; Kunsky, L; Hunt, N |
| To Step In It | Beigel, Carol |

## KEYWORDS:

"Farming Out" to Build Business Economic News & View, A 30-Ton Pneumatic Soundboard Press TOOLS/EQUIP, An Essay on the History of Tuning-Part VI TUNING, Becker Correction TUNING Letters, Bridle Strap Replacement REBUILDING, Chickering Grand Dampers Q&A, Clarifying Working With Keys TOOLS/EQUIP Letters, Equal Temperament by Pure 5ths TUNING, First Response to Jim Coleman's Article (Equal Temperaments by 5ths) TUNING Editor's Roundtable, Hash & Rehash, Improved SAT Light Pattern in Fifth Octave ELECTRONICS TT&T, Lifetime Sandpaper? TOOLS/EQUIP TT&T, More on Tool-kit Minimalism TOOLS/EQUIP TT&T, Protect That Rim! SHOP TT&T, Tightening Plate Screws SERVICE Q&A, To Step In It P TECHS The Tuner's Life

September 1997
CD# 4
Articles

| TITLE | AUTHOR |
|---|---|
| A Handy Homemade Voicing Tool | Staples, Mitch |
| A Worthwhile Textbook | Brady, Steve |
| Bechstein Pinblocks | Hohf, Bob |
| Celebrate September National Piano Month | Smithsonian Institution, DMH |
| Clipboard as Workstation | Bartnik, Bob |
| Double-Sided Tape | Sadigursky, Isaac |
| Essentials of Advertising | Neie, Gary A. |
| From Glide to Punch | Fellows, Bruce |
| Key "Flop" in Small Verticals | Davis, Bob; Hickey, Jeffrey |
| Key "Flop" in Small Verticals | Heaton, B; Maxim, B; Schell, S |
| My "Mr. Davis" | Fritz, Leroy |
| Popular Piano Technology-Downbearing & Crown | Juhn, Ernie |
| Presidential Citations | Hawkins, Marshall B. |
| Q&A Special | Fandrich, Delwin D. |
| Strictly Thirds Temperament | Coleman, Sr., Jim |
| Stripped Screwholes in Steinway Hammer Flange Rails | Ball, Charles; Hickey, Jeffrey |
| Stripped Screwholes in Steinway Hammer Flange Rails | Davis, Bob et al |
| Stripped Screwholes in Steinway Hammer Flange Rails | Musselwhite, John; Treuhaft,Ben |
| The Davies 30-Ton Pneumatic Soundboard Press-Part II | Davies, Clair |
| The Technicians Guide to Grand Hammer Installation | Hartman, John |
| To the Members of PTG | Drasche, Fred & Mimi |

## KEYWORDS:

1995, 285 pages, 3rd Edition, A Handy Homemade Voicing Tool VOICING TT&T, Bechstein Pinblocks REBUILDING Letters, by Ronald Gearman, Celebrate September National Piano Month P INDUSTRY PTG Review, Clipboard as Workstation TOOLS/EQUIP TT&T, Double-Sided Tape TOOLS/EQUIP TT&T, Ed.D. Gainesville, Essentials of Advertising BUSINESS Economic News & View, FL Bemidji Piano Service, From Glide to Punch TOOLS/EQUIP TT&T, Key "Flop" in Small Verticals REPAIRS Q&A, My "Mr. Davis" P TECHS The Tuner's Life, Piano Tuning, Popular Piano Technology-Downbearing & Crown SERVICE, Presidential Citations PTG Letters, Q&A Special MATERIALS, Regulating and Repairing, Strictly Thirds Temperament TUNING, Stripped Screwholes in Steinway Hammer Flange Rails REPAIR Q&A, The Davies 30-Ton Pneumatic Soundboard Press-Part II REBUILDING, The Technicians Guide to Grand Hammer Installation REBUILDING, To the Members of PTG Letters

October 1997
CD# 4
Articles

| TITLE | AUTHOR |
|---|---|
| A Golden Letter of Thanks | Cunningham, Jess |
| A Hands-On Hand for Applied Skills Session | Eriksen, Dave |
| A Visual Aural Temperament | Lesher, C.W. |
| Curved Hammer Files | Brady, Steve |
| Davies Pneumatic Soundboard Press-Part III | Davies, Clair |
| In Appreciation | Reinhardt, Zen |
| Instant Attraction | Kline, Susan |
| Is Your Business Running You? | Neie, Gary |
| New Products from LOCTITE | Brady, Steve |
| Popular Piano Technology-Part II; The Secret Word is "Voicing" | Juhn, Ernie |
| Quick Measure for Cutting Strings | Gentile, Carman |
| The All-Purpose Temperament | Coleman, Sr., Jim |
| Tightening Plate Screws & Bolts: Are We Overdoing It? | Fandrich, Del |
| Tune-off Redux | Brady, Steve |
| Tuning Low Bass with SAT | Porritt, D; Hunt, N; Fisher, W |
| Tuning Low Bass with SAT | Simmons, T; Scott, R; Davis, B |
| Tuning Low Bass with SAT | Swafford, Kent; Hallett, Dan Jr |
| Uneven Damper Lift in Verticals | McGavern, K; Ilvedsen, David |
| Uneven Damper Lift in Verticals | Todd, A;Nossaman, R; Greeley, H |

## KEYWORDS:

A Golden Letter of Thanks PTG Letters, A Hands-On Hand for Applied Skills Session PTG Letters, A Visual Aural Temperament TUNING, Curved Hammer Files VOICING TT&T, Davies Pneumatic Soundboard Press-Part III REBUILDING, In Appreciation PTG Letters, Instant Attraction ADHESIVES World-Class Junk, Is Your Business Running You? BUSINESS Economic News & View, New Products from LOCTITE ADHESIVES TT&T, Popular Piano Technology-Part II; The Secret Word is "Voicing" VOICING, Quick Measure for Cutting Strings REBUILDING TT&T, Sr. Virgil Smith aural tuning vs. electronic, The All-Purpose Temperament TUNING, Tightening Plate Screws & Bolts: Are We Overdoing It? SERVICE Q&A, tune-off rematch Orlando Convention Jim Coleman, Tuning Low Bass with SAT TUNING Q&A, Uneven Damper Lift in Verticals REGULATING Q&A

November 1997
CD# 4
Articles

| TITLE | AUTHOR |
|---|---|
| Bench Marks (How To Avoid Them) | Kline, Susan |
| Dampp-Chaser Marketing Programs Expanded with New Manager | Staff |
| Economic Freedom . . The Day You Go To Work Because You Want To-Not Because You Have To | Kim, Beverly |
| Have You Seen This Glue? | Gentile, Carman |
| In An Emergency Don't Break The Glass | Kurk, Dennis |
| Kids & Pianos | Sullivan, Anita T. |
| Movable Platform For Vertical Piano | Hickey, Jeffrey |
| Popular Piano Technology-Cracked Pianos | Juhn, Ernie |
| Selling The Pitch Raise | Fisher, Warren |
| String Leveling By Ear | Davies, Clair |
| Three Perspectives-On Jim Coleman's "Equal Temperament by Pure 5ths" | Bremmer, B; Smith, V;Levitan, D |
| Tuning With a British Accent | Brady, Steve |
| Two Tips for Installing "Quick" Repair Parts | Elmer, Francis |

## KEYWORDS:

1996, and Their Problems, Bench Marks (How To Avoid Them) SERVICE World-Class Junk, book review of Pianos, by George W. Booth. London: Janus Publishing Co., Dampp-Chaser Marketing Programs Expanded with New Manager HUMIDITY Industry News, Economic Freedom . . The Day You Go To Work Because You Want To-Not Because You Have To BUSINESS, Have You Seen This Glue? ADHESIVES Letters, In An Emergency Don't Break The Glass SERVICE TT&T, Kids & Pianos P TECHS The Tuner's Life, Movable Platform For Vertical Piano MISC. TT&T, Piano Tuners, Popular Piano Technology-Cracked Pianos REPAIR, Selling The Pitch Raise BUSINESS TT&T, String Leveling By Ear VOICING, Three Perspectives-On Jim Coleman's "Equal Temperament by Pure 5ths" TUNING, Two Tips for Installing "Quick" Repair Parts REPAIR TT&T

December 1997
CD# 4
Articles

| TITLE | AUTHOR |
|---|---|
| An Aural Method for Half-Step Pitch Raises | Churchill, Ken |
| An Essay on the History of Tuning-Part VII | Becker, Skip |
| Bridle Strap Function | Ellis, Jim |
| Broken Plate | Ilvedson, David; Deligdisch, G |
| Broken Plate | Moore, D; Fandrich, D;Graham, D |
| Broken Plate | Reinhardt, Zen et al |
| Broken Plate | Scherer, Wally; Maxim, Bill |
| Buzzing Fallboard | Fandrich, Del |
| Clean Keys & Other Attitude-Changers | Kline, Susan |
| Didn't Think Plan Through | Krauss, Peter |
| How Long Does a Piano Last | Sullivan, Anita |
| How to Buy a Piano | Brady, Steve |
| In The Trenches | Root, Carl D. |
| Piano Too Loud? Foam It! | Fisher, Larry |
| Quick Tool For Vertical Action Work | |
| Repair for Loose Jack Flange Joint | Hunt, Newton; Schlipf, Bill |
| Soundboard Damage. A Guide to Soundboard Cracks & Other Maladies-Part I | Fandrich, Delwin |
| The Tautline Grand Regulation Guide | Brady, Steve |

## KEYWORDS:

1994, a videotape by D.L. Novak. Seattle: Lou Visions, An Aural Method for Half-Step Pitch Raises TUNING, An Essay on the History of Tuning-Part VII TUNING, Bridle Strap Function, Broken Plate REPAIR Q&A, Buzzing Fallboard REPAIR Q&A, Clean Keys & Other Attitude-Changers SERVICE World-Class Junk, Didn't Think Plan Through INTERNATNL Letters, How Long Does a Piano Last P TECHS The Tuner's Life, In The Trenches BUSINESS Economic News & View, Piano Too Loud? Foam It! VOICING TT&T, Quick Tool For Vertical Action Work TOOLS/EQUIP TT&T, Repair for Loose Jack Flange Joint REPAIR Q&A, review of Piano Buyer's Guide, Soundboard Damage. A Guide to Soundboard Cracks & Other Maladies-Part I DESIGN The Designers, The Tautline Grand Regulation Guide REGULATING TT&T

January 1998
CD# 4
Articles

| TITLE | AUTHOR |
|---|---|
| A Visit to Finchcocks | Brady, Steve |
| An Intermittent Tightness at the Front Pin | Levitan, Daniel |
| Baldwin Spinet Grommets | Jolly, Roger; Seay, Tom |
| Broken Action Bracket | Davis, Bob et al |
| Broken Action Bracket | Reinhardt, Zen; Fandrich, Del |
| Get A Grip! | Farrar, Dave |
| Hail to the Handy Wipe! | Beigel, Carol |
| Key Bushing Knife | Sutton, Ed |
| Minimum Charge | Bryant, J;Fandrich, D;Fisher, W |
| Minimum Charge | Kiddell, Rob; Cole, Tom |
| My Everyday F to F Bearing Plan | Ressl, Daniel |
| PTG - Why? | Coleman, Sr., Jim |
| Replace the Whole Rail | Light, Jon |
| Replacing Steinway Double Flanges | Spiel, Curtis |
| Soundboard Damage-A Guide To Soundboard Cracks & Other Maladies-Part II | Fandrich, Delwin |
| The Listening Art | Sullivan, Anita T. |
| The Self-Reliant Owner | Kline, Susan |
| Tuning Low Bass with SAT | Drago, James |

## KEYWORDS:

1950. PTG, A Visit to Finchcocks, An Intermittent Tightness at the Front Pin  The Puzzler, Baldwin Spinet Grommets  Q&A, Broken Action Bracket  Q&A, Get A Grip!  TT&T, Hail to the Handy Wipe!  TT&T, Key Bushing Knife  TT&T, Minimum Charge  Q&A, My Everyday F to F Bearing Plan, my first piano technicians convention Los Angeles, Replace the Whole Rail  TT&T, Replacing Steinway Double Flanges, Soundboard Damage-A Guide To Soundboard Cracks & Other Maladies-Part II  The Designers, The Listening Art  The Tuner's Life, The Self-Reliant Owner  World-Class Junk, Tuning Low Bass with SAT  Letters

February 1998
CD# 4
Articles

| TITLE | AUTHOR |
|---|---|
| "Oinking" Dampers | Coleman, Sr, Jim; Foote, Ed |
| A Special System for Sharpening | Stenstrom, John |
| An Essay on the History of Tuning-Part VIII | Becker, Skip |
| Another Take on Equal Temperament by Pure Fifths | Mason, Lucas |
| Bridge Confessions: Cobbles I Have Done on Pianos of No Commercial Value | Kline, Susan |
| Credit Cards and Credit Card Checks | Cole, T; Gregg, Chris; Bondi, P |
| Credit Cards and Credit Card Checks | Cunningham, Mark;Nichols, Guy |
| Credit Cards and Credit Card Checks | Moore, Danny; Tomlinson, Ed |
| Credit Cards and Credit Card Checks | Scherer, Wallace et al |
| Don't Set Customer's Limits | Brown, Ruth |
| Hammer Flange Bushing Repair | Nelson, Lyn |
| Inside Out | Sullivan, Anita |
| M&H Screw Stringers, Wegman Pianos | Myrkalo, Vince; Moore, Danny |
| M&H Screw Stringers, Wegman Pianos | Page, Jon; Graham, Mark |
| M&H Screw Stringers, Wegman Pianos | Wethington, Pat; Simon, Bill |
| Piano Pricing Guides | Brady, Steve |
| Protecting Vertical Dampers | Tremper, Fred |
| Soundboard Damage-A Guide to Soundboard Cracks & Other Maladies-Part III | Fandrich, Delwin D. |
| Thanks from the Heart | Snyder, Willis |
| The Pneumatic Bridge Press-Part I | Davies, Clair |
| Three vs. Four | Hong, Yat-Lam |

## KEYWORDS:

"Oinking" Dampers Q&A, A Special System for Sharpening TT&T, An Essay on the History of Tuning-Part VIII, Ancott Associates. Annual Supplement to The Piano Book, Another Take on Equal Temperament by Pure Fifths Letters, book reviews Music Product Directory-Acoustic Piano Edition, Bridge Confessions: Cobbles I Have Done on Pianos of No Commercial Value World-Class Junk, Brookside Press by Larry Fine, Credit Cards and Credit Card Checks Q&A, Don't Set Customer's Limits Economic News & View, Hammer Flange Bushing Repair TT&T, Inside Out The Tuner's Life, M&H Screw Stringers, Protecting Vertical Dampers TT&T, Soundboard Damage-A Guide to Soundboard Cracks & Other Maladies-Part III The Designers, Thanks from the Heart Letters, The Pneumatic Bridge Press-Part I, Three vs. Four, Wegman Pianos Q&A

March 1998
CD# 4
Articles

| TITLE | AUTHOR |
|---|---|
| Are You Experienced? | Brady, Steve |
| Bridle Strap Function | Kiddell, Rob |
| Cleaning Ink Stains From Keytops | Ramsey, Kevin |
| Fasteners That Don't | Kline, Susan |
| Grand Hammershank Geometry | Sloane, Ken |
| How Do The Blind Fit in to PTG? | Mitchell, Don |
| Installing A Grand Piano Stage Truck-Singlehanded | McKlveen, Ben |
| Moving Pianos | Coleman, J; David, B;Kinnear, J |
| Moving Pianos | Fisher, W; Ilvedson, D;Blees, W |
| Moving Pianos | Moore, D; Fisher, L;Fandrich, D |
| Piano Humidity Control & Soundboard Moisture Content | Brown, Ruth |
| Salty-Air Question | Kline, Susan; McCloud, Paul; |
| Squaring Keys | Juhn, Ernie |
| Stress Relief | Flanders, David |
| The Pneumatic Bridge Press - Part II Building the Press Body | Davies, Clair |
| Thigummy Land | Sullivan, Anita |
| Tuning to an Organ | Brady, Steve |
| What Can You Count on from Social Security? | Neie, Gary |

## KEYWORDS:

book review, Bridle Strap Function  Letters, by W.A. Mathieu. Inner Traditions International VT 1997, Cleaning Ink Stains From Keytops TT&T, Fasteners That Don't  World-Class Junk, Grand Hammershank Geometry, Harmonic Experience: Tonal Harmony from Its Natural Origins to Its Modern Expression, How Do The Blind Fit in to PTG?, Installing A Grand Piano Stage Truck-Single-handed, Moving Pianos Q&A, Piano Humidity Control & Soundboard Moisture Content, Salty-Air Question  Q&A, Squaring Keys  TT&T, Stress Relief  TT&T, The Pneumatic Bridge Press - Part II Building the Press Body, Thigummy Land  The Tuner's Life, Tuning to an Organ  TT&T, What Can You Count on from Social Security?

April 1998
CD# 4
Articles

| TITLE | AUTHOR |
|---|---|
| 1998 NAMM Show Review Piano Industry News | Brady, Steve |
| A Pneumatic Bridge Press - Part III Translator Cauls and Duck-boards | Davies, Clair |
| Bend-a-Light | Brady, Steve |
| Change: The One Constant | Hawkins, Marshall B. |
| Connecticut-Before or After Convention | Brooks, Vivian |
| Friday's Super Seven | Smith, Evelyn |
| Glazebrook at 70 | Brady, Steve |
| Harryman, Arthur | |
| Hearing Loss & What to Do About It by Charlotte K. Lyman | Lyman, Charlotte K. |
| Helen Small Named Executive Director of APA American Pianists Association | |
| How I Dealt With Two Brash Grands (and other rough voicing procedures) | Kline, Susan |
| Making Leather Button Replacements | Davis, Marcia |
| Metallic Buzz | Beckingham, Terry; Sadowski, R |
| Metallic Buzz | Bryant, J; Nossaman, R; Hunt, N |
| Metallic Buzz | Guerra, E;Jorgensen, M; Todd, A |
| Metallic Buzz | Martin, Ralph et al |
| Metallic Buzz | Stuart-Vail, S; Jolly, Roger |
| Minding The Mentor | Santo, Lee |
| North Caroline Conference Draws Techs from 22 States | Hallmark, Alan |
| Professional Hearing Tests, Ear Plugs Available in Providence | Kunsky, Laura |
| PTG the Foundation Beneficiary | Preuitt, Ernie |
| Rejuvenating Dead Bass Strings | Hopland, Ray |
| Sacramento Retailer Hosts Training | |
| Samick Breaks The Price Barrier | |
| Snap to It! Oops! The Space Hammer | McKay, Doug |
| Something For Everyone | Kim, Beverly |
| Temperament Festival in Providence | Smith, Evelyn |
| The Future & the Past in Foundation's Sites | Monroe, Christine |
| The Problem of Small Pianos - Part II The Bass/Tenor Crossover | Fandrich, Delwin |
| Thomas A. Hames, 1921-1998 | Goodwin, Garland O.; Harvey, J |
| Timing of Dampp-Chaser Installation | Bergantino, Bob; Birch, Jim |
| Timing of Dampp-Chaser Installation | Masters, M; Cunningham, Steve |
| Timing of Dampp-Chaser Installation | Pearson, Steve et al |
| Tuning Technique for Birdcage Pianos | Lensing, Jan R.C. |
| West, James | |
| We've Come a Long Way, Baby | Coleman, Sr., Jim |
| What's Good for Pianos Is Good for Society | Hanzlick, David, CAE |
| Young Chang & Kurzweil Moving HQ | |

**KEYWORDS:**
1998 NAMM Show Review Piano Industry News, a living legend in the piano business., A Pneumatic Bridge Press - Part III Translator Cauls and Duckboards attaching bridges to soundboards, Bend-a-Light, change, Economic Affairs Committee Jim Swayze, Hearing Loss & What to Do About It by Charlotte K. Lyman, Helen Small Named Executive Director of APA American Pianists Association, How I Dealt With Two Brash Grands (and other rough voicing procedures), Interview of Bob Glazebrook at 70, Making Leather Button Replacements, Metallic Buzz, North Carolina Conference, Passages, Providence Instate Update HEARING TESTS EAR PLUGS DR. JAY SINGER, Providence Institute Update, Providence Institute Update Connecticut, PTG Executive Director report, PTG ideals convention share knowledge committed, PTG the Foundation Beneficiary, Rejuvenating Dead Bass Strings, Samick Indonesian piano factory, Something For Everyone, spinet elbows, The Future & the Past in Foundation's Sites, The Problem of Small Pianos - Part II The Bass/Tenor Crossover, Thomas A. Hames In Memory, Timing of Dampp-Chaser Installation, Tuning Technique for Birdcage Pianos, Yamaha Disklavier special maintenance training session, Young Chang & Kurzweil Moving HQ

May 1998
CD# 4
Articles

| TITLE | AUTHOR |
|---|---|
| A Battle for Peace of Mind | Hawkins, Marshall |
| A Modest Proposal | Mehaffey, Joe |
| An Essay on the History of Tuning - Part IX | Becker, Skip |
| Baldwin Support Key to PTGF Class | Kunsky, Laura |
| Cleaning Grand Soundboards | Dav, Dick; Moore, Danny |
| Cleaning Grand Soundboards | Vanderhoofven, David;Goodale, R |
| Cybercafe, Classes and an Evening on the Net | Smith, Evelyn |
| Filing Hammers with Sanding Mesh | Brady, Steve |
| Guideline for Effective Teaching | Grassi, Jeannie |
| How Much Does a New String Stretch? | Knudtson, Dave |
| Jack Van Mourik: Tuning in Two Worlds | Sullivan, Anita |
| Longitudinal Modes In Piano Strings, Results of New Research | Ellis, Jim |
| Modes of Thought in Unison Tuning | Sutton, Ed |
| More on the Mason & Hamlin Screw-Stringer | Conover, Les |
| More On Tuning To Pipe Organs | Ellis, Jim |
| Noisy Keys | Hunt, Jerry; Kreutzel, Jim |
| Noisy Keys | Martin, Ralph; Porritt, Dave |
| Our Man in Concord | Ballard, Bill |
| Providence Classes on the Internet | Smith, Evelyn |
| Providence on the Horizon | Johnson, Wade |
| Providence Through The Eyes Of A Native | Tremper, Phyllis |
| Suggestions for Tuning Stability | Yonley, Fred |
| Techniques & Tools for On-Site Service | Probst, Dale |
| The Business of Being a Piano Technician | Kim, Beverly |
| The Power of Goals | Barr, David |
| The Sayings of Russell Sherman | Brady, Steve |
| Trying to Stay Sort of Safe, Part I | Kline, Susan |
| Warped Keys | Moody, Richard; Peake, Dave |
| Warped Keys | Purdy, Chris; Lafargue, Lance |

## KEYWORDS:

19th century music historical temperaments, air temperature organ tuning, Baldwin's support makes a PTGF class possible in Providence, battle against negative feelings personal morale state of mind peace mental self image good citizenship membership, business and technical skills economic affairs success enjoy work, business time management Institute classes roundtables, Classes and an Evening on the Net Computers at the Providence Institute, Cleaning Grand Soundboards, Convention host chapter notes, Cybercafe, filing hammers sanding mesh, good piano sound depends on the instrument, health safety accidents tetanus shots eye ear protection dust masks allergens orthopedic carpal tunnel syndrome heavy lifting toxics dog bites edged tools, HUMOR, internet web computers Cybercafe, Longitudinal Modes results of new research, noisy keys, people, Providence Through The Eyes Of A Native, REBUILDING Acme Piano Co., Regional & Chapter Technical Instructors, screw-stringer, soundboards cleaning, string stretch, string vibration, technician, Techniques & Tools for On-Site Service, Tips for Annual, tuning, unisons pitch management, venue "Piano Pieces" by Russell Sherman, warped keys

June 1998
CD# 4
Articles

| TITLE | AUTHOR |
|---|---|
| A Good Time Will Be Had By All | Smith, Evelyn |
| A Survey of Bellymen on Soundboard Building | Hughes, David |
| Accidental Advertising | Soule, Robert |
| Adhesives for Plastic Sharps | Moore, Danny;Wilson, Wally |
| Adhesives for Plastic Sharps | Torres, Greg;Alkana, Joseph |
| Be a Craftsman! (Or just look like one) | McKay, Doug |
| Bridge Cracks | Deligdisch, Glen; Simon, Bill |
| Cover Sends a Message, Too | Gentile, Carman |
| epoxy repair hairline cracks | Stuart-Vail; Goodale, Robert |
| Luggage Cart | Brady, Steve |
| More on Stress Relief in Tuning | Flanders, David |
| More on Tuning to Pipe Organ | Licht, Ken |
| Packing Your Bags for Providence | Smith, Evelyn |
| Piano 300 | Hawkins, Marshall |
| Piano Makes Mice Smarter, Study Shows | McKay, Doug |
| Pianomaker, Manufacturer Steffen Seiler Dies | staff |
| Pleased to meet youÖWhere did you get my name? | Root, Carl |
| Proper Perspective | O'Brian, Mick |
| PTG Membership Has Its Benefits | staff |
| The Reyburn CyberTuner | Kiel, Mitch |
| The Way it Was - A Tuner's Tool Kit from a Century Ago | Brady, Steve |
| Tools & Methods, Old & New | Brady, Steve |
| Trigger Point Self-Message for Piano Technicians-Part I | Davies, Clair |
| TuneLab97 - The PC Alternative | Porritt, David |
| Tuning Complaints | Burnside, Kent |
| Tuning Tutoring | Ragusa, John |
| Using a Cabinet Scraper | Hohf, Bob |
| You're Invited--Set Sail for Providence | Birch,Jim |

## KEYWORDS:

Accidental Advertising, Adhesives for Plastic Sharps, Be a Craftsman! (Or just look like one), customer word of mouth referrals, epoxy repair hairline cracks, Journal cover impression, Luggage Cart, Manufacturer Steffen Seiler Dies, More on Tuning to Pipe Organ, Old & New, Piano 300, Piano Makes Mice Smarter, Pianomaker, playing for customers, Providence Convention, PTG Membership Has Its Benefits, Study Shows, The Reyburn CyberTuner, tool kit case from a century ago, Tools & Methods, tools & methods top names in the business installing soundboard rib bridge belly press glue joint, Trigger Point Self-Message for Piano Technicians-Part I, TuneLab97 - The PC Alternative, Tuning Complaints pitch raise causing faster 3rds, tuning stress impact tuning hammer physical therapy Anne Ingarde, Tuning Tutoring, Using a Cabinet Scraper

July 1998
CD# 4
Articles

| TITLE | AUTHOR |
|---|---|
| An Alternative Size Keyboard For The World | Steinbuhler, David |
| Avoid Clogging Soundboard Screw Holes | Bartnik, Bob |
| Credit Management - A Dark Subject? | Beck, Robert |
| Driving Tuning Pins With Varnish | Foote, Ed Heaton, Barrie |
| Driving Tuning Pins With Varnish | Hunt, Jerry Tomlinson, Ed |
| Driving Tuning Pins With Varnish | Root, Carl Freeman, John |
| Gang-Filing Hammers | Gregg, Chris |
| Looking Through the Past | Hawkins, Marshall |
| More M&H Screw Stringer Tips | Wagner, Lloyd |
| More on those darned grommets | Cole, Terry |
| More On Wippen Support Springs | Porritt, David Stanwood, David |
| Organizational Wizardry | Brady, Steve |
| Preserving the Past | Kunsky, Laura |
| Squeaking Pedal With Una Corda | Lee, Eliot Ilvedson, David |
| Squeaking Pedal With Una Corda | Reinhardt, Zen Hunt, Newton |
| The Importance of Tight Coils | Burton, Ken |
| The New SAT III | Coleman, Sr., Jim |
| The Taming of the Screw | Green, Terry |
| Trigger Point Self-Message for Piano Technicians-Part II | Davies, Clair |
| Trying to Stay Sort of Safe, Part II | Kline, Susan |
| Tuning for an Audience | Sullivan, Anita |
| Who We Are | Brady, Steve |
| Why Do You Belong to the Piano Technicians Guild? | Hanzlick, David |
| Wippen Support Springs | Page, Jon Meyer, Lloyd |
| Wippen Support Springs | Purdy, Chris Stanwood, David |

## KEYWORDS:

Avoid Clogging Soundboard Screw Holes, Credit Management - A Dark Subject? Financial debt borrow only when necessary, description in words and pictures of a smaller 42" keyboard for pianists with smaller hands, Do goo things come in small packages? Review of the new model., Driving Tuning Pins With Varnish, Helmholtz Society of America William Braid White tenets values held by founders Travis Crowl NAPT ASPT, importance of tight tuning pin coils Isaac Sadigursky, membership PTG organization types of members, More M&H Screw Stringer Tips, More on those darned grommets, More On Wippen Support Springs, official publication also for non-members for all piano technicians, Organizational Wizardry scheduling PalmPilot address book memo pad mileage log calculator, Preserving the Past donations appreciated and help preserve the history of piano technology for future generations, Squeaking Pedal With Una Corda, take hammers off the action to file them, the pleasures of tuning for an audience, The Taming of the Screw humor, Trigger Point Self-Message for Piano Technicians-Part II, why and how, Wippen Support Springs, Word-Class Junk - Part II more things to watch out for children benches stools lids hinges clocks bric-a-brac clocks mud finishes

August 1998
CD# 4
Articles

| TITLE | AUTHOR |
|---|---|
| An Essay on the History of Tuning - Part X | Becker, Skip |
| Bending Pins | Bresette-Mills, Jack |
| Coved Moldings as Aid to Gang-Filing Hammers | Revenko-Jones, Paul |
| Damper Clunk | Hoffsommer, Conrad Foote, Ed |
| Damper Thump | Dempsey Blees Nossaman Fox |
| Do You Know Your BMI, RPT? | Santo, Lee |
| Dual-Purpose Tool | Bartnik,Bob |
| Foundation Scholarship Sends Two to Convention | Kunsky, Laura |
| Planning for the Future | Durbin, David |
| R-E-S-P-E-C-T | Brady, Steve |
| Screw Stringer Tuning Tip | Kline, Susan |
| Servicing The Modern Player Piano | Fisher, Larry |
| Some Thoughts on the Design of Bass Strings - Part I | Brown, Richard M. |
| Stiffness in a Shank | Levitan, Dan |
| Trigger Point Self-Message for Piano Technicians-Part III | Davies, Clair |
| Tuning Instability | Bartlett Weston Mannino Ballard |
| Tuning Instability | Blees Porritt Stuart-Vail Hunt |
| Tuning Instability | Rose Ilvedson Jolly Barrett |
| Two Views of Spring/Plenty to See & Do | Tremper, Phyliss, Hallmark, Bre |
| Ulrich Gerhartz - The Quest for Perfection | Brady, Steve |
| Vertical Piano Touchweight Adjusters | Juhn, Ernie |
| World-Class Junk | Kline, Susan |

## KEYWORDS:

APSCO Heavy Duty String Lifter part #16845 as Allen wrench for large hex-head bolts on Asian grand legs and lyres Bruce Winn tip, Bending tuning pins all tuning levers bend all tuning pins during all tunings, Coved Moldings as Aid to Gang-Filing Hammers, Damper Clunk damper underlever lift trays bass lift-tray pivot pin made oval hole in hinge block, Damper Thump Steinway damper lifter tray coil spring, design of bass strings duplicating scaling tension, History of Tuning Benjamin Franklin and the Armonica, how long Tuning Instability after restringing?, losing weight risk of obesity exercise diet body mass index, new-generation player pianos electronic parts sensor strips adjustments voltage, piano service as a profession professional educating the public to maintain their pianos respect Who We Are, piano tilter collapsing Piano Parts and Their Functions Mason wedges polyester noises VJ lube bottom board pedal mounts flathead wood screw countersinks, Planning for the Future, PTGF Foundation Scholarship Sends Two to Convention, slip vinyl tubing on catcher dowel, Stiffness in a Shank troubleshooting action problems, tip on tuning Mason & Hamlin screw stringer, Trigger Point Self-Message, Two Views of Spring/Plenty to See & Do North Carolina Regional Conference, Ulrich Gerhartz - The Quest for Perfection woodworking tools Steinway Senior Concert Technician, Yamaha U1 action too light

September 1998
CD# 4
Articles

| TITLE | AUTHOR |
|---|---|
| Antique Tuning Kit | Reinhardt, Zen |
| Bad kitty | Contouris, Glenn Shipe, Gary |
| Baldwin Targets New Web Site at Consumers, Dealers | |
| Company Hits High Note with Golden Anniversary | |
| Fitting Hammers to Strings | Vredevoogd, Bruce |
| Glenn Clutter Appointed DSM of Young Chang & Kurzweil | |
| Gone, But Not Forgotten | Stone, Sid |
| Hall of Fame an Honor | Smith, Virgil |
| In Memory of Barbara Zeiner | Bittinger, Celia |
| Key-Stick Repair | Slavin, Michael |
| Learning is as Easy as PTG | Durbin, David |
| Let-Off Tip | Theisen, William |
| Miller Reorganizes Kurzweil/Young Chang Home Division | |
| One for the Record Books | Tremper, Phyllis |
| Pedal Rod Tips | Bartnik, Bob |
| Puzzler #11 -- Reading Matter | Levitan, Dan |
| Rejected! | Brady, Steve |
| Repairing Janssen Back | Moody, Torres, Root, Peake |
| Richard "Rick" Temple | Fischer, Carl |
| Same-Day Differences in Humidity Levels | Mair, Bob |
| Some Thoughts on the Design of Bass Strings - Part II | Brown, Richard |
| Student Earns Puget Sound Scholarship | |
| Substitute for Methanol? | Olson, Grattan, Kline, Jolly |
| The Swan's Wing Temperament | Sutton, Ed |
| Thinking A Little Bit Bigger | Barr, David |
| Trigger Point Self-Message for Piano Technicians-Part IV | Davies, Claire |
| World-Class Junk | Kline, Susan |
| Young Chang to Offer Unprecedented New Warranty | |

## KEYWORDS:

20th century tuning theory sequence, Another successful PTG Convention new board members, Antique Tuning Kit, Bad kitty litter box cat cleaning agents Products: Deodoral, Baldwin Targets New Web Site at Consumers, bass strings, business building technicians forming joint venture partnership hiring employees overhead expenses greater earning power, clientele, Dealers, Deorderock, Fitting Hammers to Strings filing striking surface, Glenn Clutter Appointed DSM of Young Chang & Kurzweil, Hall of Fame an Honor Virgil Smith, Helen and Walter Pearson sales piano market retail, In Memory of Barbara Zeiner, inharmonicity, Key-Stick Repair aluminum window screen and epoxy, Knight In Shining Armor customer relations, let-off tip regulating rack micrometer, Miller Reorganizes Kurzweil/Young Chang Home Division, Monica Ohuchi Student Earns Puget Sound Scholarship MTNA, Nature's Miracle, Pedal Rod Tips missing SAE metric taps and dies, piano service, preventing customer ingratitude allocation of time and resources making a living realistic estimates staying within budget, PTG Journal learning continuing education seminar and convention, Puzzler #11 -- Reading Matter decals and stuff written on sound-boards and plates, Repairing Janssen Back pinblock splits plate carriage bolts screws West System epoxy marine epoxy clamp, Richard "Rick" Temple, Same-Day Differences in Humidity Levels Dampp-Chaser, Sanderson equations, Substitute for Methanol? shrink tight ac-tion centers. Water grain alcohol use eye protection vodka toxic Everclear blow drier denatured proof, tempering from larger structures in, The Swan's Wing Temperament  two octave ladder of major 3rds, The World's Largest Collection of Business Cards for Piano Techni-cians over 2000 cards misplaced or taken, Trigger Point Self-Message, Young Chang to Offer Unprecedented New Warranty

October 1998
CD# 4
Articles

| TITLE | AUTHOR |
|---|---|
| 1998-99 Supplement to The Piano Book Released | |
| Alternate Use for Backcheck Tool | Kline, Susan |
| Are Piano Technicians Maintaining Old Instruments for too Long? | Long, Ralph |
| Capstan Tool for Chickering Quarter Grands | Willanger, Susan |
| David Steinbuhler Responds | Steinbuhler, David |
| Dear PTG and PTGF | Alviani, Alice |
| Getting More Than You Bargained For | Harmon, Clayton |
| Getting More Than You Give | Durbin, David |
| Hex-to-Combination Adapter for Power Screwdriver | Brady, Steve |
| Hurry Hurry Hurry - Read All About It! | Weisensteiner, Roger |
| Kansas City '99 - Now's the Time to Plan! | Ragusa, John |
| Lubricating Spring Slots | Bartnik, Bob |
| Mail Bringing PTGA News | Tremper, Phyllis |
| PalmPilot & Piano Technicians | Coleman; Harvey, Jim |
| PalmPilot & Piano Technicians | Day, Dick; Grassi, McCoy, Story |
| Paul Ruhenbeck | Dowling, Bob |
| Regulating Jacks to Pear-Shaped Knuckles | Theisen, William |
| Some Thoughts on the Design of Bass Strings - Part III | Brown, Richard |
| Steinway Grand "Fuzzy Buzz" | Armstrong, Tom; Hunt, Todd |
| Steinway Grand "Fuzzy Buzz" | Jorgensen, Krentzel, Greeley |
| Steinway Grand "Fuzzy Buzz" | McNeil, Harvey, Minor |
| The 7/8 Keyboard | Brown, Richard |
| The Day We Visited a "Summer Cottage" | Ternstrom, Evelyn |
| The Hunting of the Noise | Kline, Susan |
| The Violin Temperament | Fairchild, Steve |
| Trigger Point Self-Message for Piano Technicians-Part V | Davies, Claire |
| Tuning To A Pipe Organ | Ellis, Jim |
| Untangling Auto Expenses | Mendus, Bill |
| Why Do You Belong to the Piano Technicians Guild? - Part III | Hanzlick, David |
| Wild Strings | Levitan, Dan |

## KEYWORDS:

annual convention bus tour, attending many conventions fledgling donate tuning publicity, convention institute, CPA taxes deducting auto expenses home office IRS, effect of temperature on the pitch of a pipe organ, finding noise chatters clanks jingles groans buzzes clicks whistles squeaks thuds remove debris, Karen Hudson-Brown's life changing experience using the 7/8 keyboard ADS Keyboards retrofit design for smaller narrow sharps small-boned hands, Ken Amend developed adapter to use any combination tool like let-off or drop screw regulator, Larry Fine, newsletter editor, noises troubleshooting buzz, Paul Ruhenbeck, Providence Convention recap valuable membership benefit volunteer good value, reasons for belonging to an association information shape direction ongoing development of professional skills peer support, refuse to restore restoring old pianos cheap and good quality replace old badly worn life span killing our industry, Regulating Jacks to Pear-Shaped Knuckles lighten action touchweight deformed Thayer buckskin bolster, rescaling Some Thoughts on the Design of Bass Strings, scheduling appointments, scheduling appointments Zaurus Day-Timer Day-Runner PDA eliminates duplication of effort calculator invoices Casio, small shortened 7/8 keyboard not intended or needed try it before committing substantial contribution to piano pedagogy but small niche, thanks for convention scholarship PTG PTGF, The Beat-Rate Tuner, The Intonation Tuner the ultimate tuning art form Ic tracking system, The Memories of Kelly Ward PTGF, Trigger Point Self-Message The Stomach and Chest Muscles, unison tone color with "invisible motion" The Machine Tuner, use carpenter's pencil graphite, use hardwood tool used to regulate spinet back-checks for tapping in hinge pins, use knitting needle to regulate capstans, wild string

November 1998
CD# 4
Articles

| TITLE | AUTHOR |
|---|---|
| Armonica Feedback | Farrar, Donn |
| Bartolomeo Arrives | Patterson, David |
| Cold-Pressed Hammers | Turner, Jim; Jolly, Hunt, Fandr |
| Coping with the Pitch Difference Between One String Alone & the Tuned Unison | Smith, Virgil |
| Dampp-Chaser Hose Clip Locator | Mahard, Doug |
| Daytona Beach Chapter Celebrates National Piano Month | Mishkin, Robert |
| Health-Related Coverage Available to PTG Members | |
| History of the Jahn Company | |
| Interview with Ray Negron - Ronsen Piano Hammer Company | Kallberg, Earl |
| Invest in Yourself | Durbin, David |
| Knabe Agraffes | Fandrich, Edwardsen, Rob |
| Knabe Agraffes | Masters, Mike, Bartlett, Cole |
| Lloyd P. Winn | Barrus, Ralph |
| Looking Ahead to KC | Tremper, Phyllis |
| New Life for Old Pantyhose | Bartnik, Bob |
| Newport Music Festival Holds RPT Hostage | Birch, Jim |
| Not Stopping Now --Edward Sambell, RPT | Kline, Susan |
| Pedal Rod Replacement Tip | Gable, Roger |
| Pianoman Adventures | Hallmark, Alan |
| Psychological Troubleshooting | Blees, Willem |
| Puzzler #13 - Mysterious Messages | Levitan, Dan |
| Repairing Stripped Screw Holes with CA Glue | Myers, Bob |
| Replacing Keytops | Bryant, Blees, Torres, Gilreath |
| Replacing Keytops | Chick, Moody, Maxim Keenan |
| Robin L. Campbell | Seay, Tom |
| Trigger Point Self-Message for Piano Technicians-Part VI - The Arms and Hands | Davies, Claire |
| Whitening the Key | Hollinger, Beetem, Wagner, |
| Whitening the Key | McDonald, Pearson, Bartlett |
| Whither the Journal? | Brady, Steve |

## KEYWORDS:

cartoon, Cold-Pressed Hammers lanolin Brooks Abel Encore lights soundboard scale Isaac shape Renner Blues over-doped compression spring brings out tone color bands, Edward Ted Sambell tribute George Brown College Banff Centre teaching courses Denis Brassard Anne Fleming-Read Calgary PTG president, Eisenburg Thuringen Sippach Piano Parts Zacharias Leipzig Jahn Piano Parts Pianotek Germany, filler tube easy for customer to find, forearms, glass harmonica Skip Becker article nerve damage lead from glass leaching into fingers, hands and fingers, Health-Related Coverage Available to PTG Members, history of Ronsen hammer production felt wool Ray Negron, Invest in Yourself your education and skills, Ken Churchill schools Puzzler - Mysterious Messages, Knabe Agraffes which size threads? Ronald Sanford drill and tap plate hole or recut threads on new oversize agraffe Pianotek replace, Larry Brown Newport Music Festival, Lloyd P. Winn, making first impression golden rule people skills treat customers with respect phone etiquette smile body posture dealing with angry customers, new 12-part series on servicing vertical pianos prose, North Caroline Conference Scholarship Fund Contributions Jewell Sprinkle Esther Stegemen, one string of a three-string unison sounding alone gives off a higher pitch than the 3 strings sounding together ignored phenomenon, Pantyhose as filters rubbing out new finish as applicator old base finishes use to strip finish off scroll-saw-cut music desk, press pedal doweled end-pinned rods lessens chance of the first rod falling out while inserting second rod, recital and presentation square piano on display National Piano Month, Robin Campbell, should Journal be more professional/scholarly or popular or middle-ground approach semi-monthly or quarterly? Removed Grand Illusions questionnaire coming, Trigger Point Self-Message muscles of upper arms, use baking soda and thin viscosity CA glue better than toothpicks or weed-whacker cord .080, Vagias adhesive buff replacing keytops, Whitening the Key dark wood under ivory glue piece white paper white-out liquid paper titanium dioxide mix with PVC-E glue Kilz pigmented shellac in spray

December 1998
CD# 4
Articles

| TITLE | AUTHOR |
|---|---|
| Are Two Lids Better Than One? | Dutkanicz, David |
| Bartolomeo Takes a Close Look | Patterson, David |
| CA Treatment for Loose Tuning Pins | Love, Jim; Beckingham, Lafarque |
| Electronic Tuning Devices - The Limits of Accuracy | Coleman, Sr., Jim |
| Emergency Capstan Regulator | Burnside, Kent |
| Endorsing the 7/8 Keyboard | Hudson-Brown, Karen |
| Have a Merry & Safe Holiday Season | Tremper, Phyllis |
| How I Tuned The Grand | Kurta, Michael |
| Many Contributed to PTG's Performance | Durbin, David |
| Nikolaus Schimmel - Strong Advocate of Piano Climate Control Technology | |
| Piano Technician Insurance Program | Kiser, Jerry |
| Pianosoft Tops Performance Software Charts - Over 375,000 Sold Since 1989 | |
| Prevent Tilter Disasters | Hallmark, Alan |
| Repetition/Backcheck Problem | McKechnie, Ball, Swafford, Hunt |
| Scotch Tape & Baling Wire | Kline, Susan |
| Searching for Chopin | Brady, Steve |
| String Breakage at Bridge | Todd, Dempsey Harvey, Moody |
| The Case of the Broken Strings - Puzzler #14 | Levitan, Dan |
| Tip for Sluggish Vertical Actions | Margrave, Andrew |
| Trigger Point Self-Message for Piano Technicians-Part VII | Davies, Claire |
| Two Ways to Determine Length of Pedal Lyre Braces | Slavin, Michael |
| Weber Let-Off Problem | Hendrickson, Bill; Grattan |

## KEYWORDS:

bridle tapes under too much tension, CA glue Treatment for Loose Tuning Pins works well, checklist getting a feel for the potential of the instrument, danger of fire The Enemy poem renew your PTGA dues, Electronic Tuning Devices accuracy "Four Lights" principle, Emergency Capstan Regulator use key-rail prop nut screwdriver blade #37 in Schaff, Endorsing the 7/8 Keyboard Steinbuhler retrofit 42" clavichord thrilled life changing experience, evaluating condition of piano, garden area working under time pressure sound checks, grand piano pedal lyre brace length use old telescoping TV antenna, Hal Leonard Yamaha Disklavier Brad Smith musical disks software PianoSoft, insurance liability & tool & property damage coverage SAFECO bodily injury, interesting debris & repairs, let-off problem spreading action brackets replace Marciano Weber Young Chang Chickering action spread, lower lid Revenaugh project more sound Andre Watts Radu Lupu enhanced tone, pinning, Prevent Tilter Disasters accidents safe use Nylon tie-down strap, PTG progress volunteers, Repetition/Backcheck Problem difficult to analyze, Schimmel Dampp-Chaser climate control in Europe Germany, some ingenius others worthless use leather scrap hammer felt vodka Everclear grain alcohol business card bushing/action cloth, spring tension hammer weight touchweight friction Stanwood, stages, String Breakage at Bridge Baldwin rust copper mouse problem chemical spilled corrosive humidity roaches, Tad Szulc Arthur Rubenstein biography of Chopin In Paris Pleyel, the cause of broken bass strings, Trigger Point Self-Message the low-back pain gluteus & hip & spinal erector & quadratus lumborum muscles prevention, tuning in difficult noisy conditions like bars, two lids

January 1999
CD# 4
Articles

| TITLE | AUTHOR |
|---|---|
| "Pulley Keys" | Anderson, Ross, Hunt, Peake |
| 1998 Journal Index | |
| Albert William Henry Hirsch Jr. | |
| All New -- All-Day Wednesday! | Ragusa, John |
| Baker Recuperating following Treatment | Baker, Dianne |
| Bartolomeo Checks the Wood | Patterson, David |
| Commit to the Future | Tremper, Phyllis |
| Duncan Ritchie | |
| E. Charles Hanson | |
| Feeler Gauge as Piano Tool | Burnside, Kent |
| First Responses to Richard Brown's "Some Thoughts on the Design of Bass Strings" | Fandrich, Del |
| Focusing on the Future | Durbin, David |
| Handy Beeswax Applicator | Bartnik, Bob |
| In Support of Old Pianos | Churchill, Ken |
| Insurmountable Opportunities | Hanzlick, David |
| Magnetic Vinyl Strips | Brady, Steve |
| Measuring Length for New Pedal Rods | Slavin, Michael |
| Oscar Gaudette | |
| Performance & Innovation: The Wapin Bridge on CD A Review of Wapin Piano Bridge | Hohf, Robert |
| Pittsburgh Chapter Catches Up With History | |
| Pulsating String | Rauch, Jorgensen, Purdy, Hunt |
| Steinway & Sons Make Personnel Moves | |
| Strings & Such | Greene, Kline,Powell, Burton |
| Taxing Matters | Mendus, Bill |
| Thanks, PTG! | Sanderson, Al |
| The Challenges of Modern Piano Tuning - Part I | Winn, Bruce |
| The Journal: Different But the Same | Brady, Steve |
| Thoughts on "Thoughts" | Conklin, Harold |
| Trademark Rights & Piano Rebuilders | Malino, Morgan |
| Trigger Point Self-Message for Piano Technicians-Part VIII | Davies, Claire |
| William Flecther, Sr. | |

## KEYWORDS:

1998 Golden Hammer Award, 1998 Journal Index, Albert William Henry Hirsch Jr., automotive Feeler Gauge as Piano Tool for bedding keyframe working glue between rib and soundboard, Bartolomeo Checks the Wood plucking string sustain time tone capability of piano structure bridge splits cracks rib glue joint sizing up condition of piano, causes for pulsating wild string termination point flat v-bar agraffe or string loose bridge pin kinked string, deducting automobile expenses taxes, Duncan Ritchie, E. Charles Hanson, editorial assistant Jeannie Grassi Editorial Board, extendable curtain rod copper tubing, First Responses to Richard Brown's "Some Thoughts on the Design of Bass Strings" Sanderson, Garrett, George Baker Medical Fund PTG chapters and members donate to cancer treatment, Jim Hoover Named Steinway Training, Journal new contributing editor Bob Hohf, legal questions on not using original instrument manufacturer parts in rebuilding trademark rights rebuilders, Magnetic Vinyl Strips for setting let-off flexible indispensable for sweeping and probing tight crannies under plate retrieve paper clips, Measuring Length for New Pedal Rods use threaded rod and turnbuckle can extend or retract, more thoughts by retired piano engineer on Richard Brown's "Some Thoughts on the Design of Bass Strings wrapped calculate plain tone duration tension longi, old pianos are worth repairing for some customers, Oscar Gaudette, Paderewski Cliburn Franck Van Mastrigt performs Piano 300, Parsons, pour liquified beeswax into empty speed stick deordorant casing lubricant friction lube keybeds bottom boards, Promotions Director; Ron Losby appointed London GM, PTG tuning exam described. What is modern equal temperament & how do we tune it correctly on different pianos? 7 challenges, pully key repairs glue/water sizing Ralph Onesti tool install new insert, replacing treble string that goes behind bass strings use newspaper, Smithsonian Piano 300 exhibit NAMM Money Magazine increased piano sales research impact of piano study on children celebrate economy, Sr., support causes and organizations, technology aids efficient management of time communication, three distinguished historical pianos owned by Horowitz, Trigger Point Self-Message for Piano Technicians-Part VIII quadriceps foot, Wapin Piano Bridge Michael Wathen Richard Harris piano string motion new system for pinning strings on piano bridges three-pin extends decay time clarity, which kind of wood? Lemon olive, whole new day of classes added for 1999 Kansas City Institute, William Flecther

# Piano Technicians Guild
# EMERSON Database: 1979 -1999

February 1999
CD# 4
Articles

| TITLE | AUTHOR |
|---|---|
| 1999 PA State Auxiliary Convention Program; Something for | Tremper, Phyllis |
| A Personal Temperament | Winn, Bruce |
| Back by Popular Demand: Tuning Tutoring-One-on-One | Ragusa, John |
| Baldwin Appoints Duane Kimble; Perry Schwartz,Dallas Chapter | |
| Bartolomeo Considers the Tuning Pins | Patterson, David |
| Broken Key | Black, Oorebeek, Page, Ross |
| Broken Key | Cunha, Bergantino, Degen |
| Focusing On the Future | Durbin, David |
| Goldberg Variations | Sullivan, Anita |
| Grand Action Transport Tip | Burnside, Kent |
| Homemade Workbench Dogs | Bartnik, Bob |
| Junk That Isn't-Part I | Kline, Susan |
| Mini-technicals: There's Nothing "Mini" About Them! | Gilreath, Allan |
| One Thousand Mistakes | Brady, Steve |
| Plastic Parts | Anderson, McGavern, Blees |
| Plastic Parts | Bondi, Jorgensen, Nossaman |
| Plastic Parts | Mannino, Skowronek, Birkett |
| Plastic Parts | Zabrocki, Sy; Hollinger, Mangus |
| Puzzler #15-Resistance Movement | Levitan, Dan |
| Remembering Stephen S. "Steve" Jellen, 1917-1977, Welcome to Your Museum, Planned Giving | Eaton, Wendell; Brooks, Wally |
| Re-using Old Soundbaord Wood in New Boards | Birkett, Greeley, Fandrich |
| Re-using Old Soundbaord Wood in New Boards | Draine, Rose, Nossaman, Pearson |
| Re-using Old Soundbaord Wood in New Boards | Puig, Josep; Oliver, Whitehead |
| Robert Kissling | |
| Sohmer Pinblock Problem | Moon, Jim |
| Steve Townsend | |
| Technicians & Manufacturers-Different Sides of the Coin | Campbell, David |
| The Challenges of Modern Piano Tuning - Part II Setting the Temperament-A Precise Compromise | Winn, Bruce |
| What Happens IfÖ? | Stern, Mark |
| William Aiken | |

## KEYWORDS:

1999 PA State Auxiliary Convention Program; Something for Everyone in KC, action problem, Are you an RPT value of RPT exams certification, avoid creating loose tuning pins when replacing string, Baldwin Piano Appoints Duane Kimble CFO; Perry Schwartz Named Corporate Treasurer; Dallas Chapter Joins Piano Industry Promotion, Barcelona, both ways from the middle William Braid White Baldassin-Sanderson George Defebaugh, Broken key repair reinforce with veneer, cardboard, conduct vibrations better, Directions for tuning, elderly people with bad hearing in top octave, Grand Action Transport Tip remove top action, Homemade Workbench Dogs to hold work in place, Jeffrey Kahane, Mason & Hamlin screw stringer tuning and restringing, mastering a skill requires making mistakes, metal tape for car repair called Self Adhesive Body Patch, mini-technicals classes at Kansas City Convention, moving piano, old seasoned violins resonant compression damage, payment in full upon delivery, pianist, Plastic parts PVC or ABS Styrene nothing negative noticed but snide remarks still made, PTGF library named in honor of Steve Jellen, Robert Kissling, sentimental value of piano, setting the temperament-information and exercises to learn tuning at RPT level sequence of tests divide octave into 12 equal semitones framework for tuning, Sohmer grand Pinblock Problem tapered block used angle iron, Spain. old wood vs new? Wood cells turn more resinous with age, special classes and help on tuning at Kansas City Convention, special grand action model Richard Davenport allows change key ratio adjustable balance rail capstans knuckles action spread touchweight Alan Elder video, Sterling Publishing Co. Wood as an Engineering Material from US Gov Printing Office absolute required reading for rebuilders, Steve Townsend, The Encyclopedia of Wood, Tite Bond fiberglass cloth epoxy CA glue, U.S. Department of Agriculture Handbook #72 Wood Handbook, Understanding Wood by R. Bruce Hoadley, various methods to cure loose tuning pins veneer disadvantage of oversize pin, why is there sometimes an adversarial relationship between piano technicians and piano manufacturers? We should be in love with piano manufacturers, William Aiken

# Piano Technicians Guild
# EMERSON Database: 1979 -1999

March 1999
CD# 4
Articles

| TITLE | AUTHOR |
|---|---|
| A Fascinating Art: Business Classes in Kansas City | Smith, Evelyn |
| A Guide to Bridge Repair, Part 1: Introduction | Hohf, Robert |
| Backchecking Problem | Aerts, Lefargue, Hunt |
| Backchecking Problem | Seay, Tom; Hufford, Bryant Todd |
| Bartolomeo Sees the People | Patterson, David |
| Breaking Elbows Made Easy (for Piano Technicians) | Reinhardt, Zen |
| Bridge Pin Removal Problem | Farinella, Charles; Page, Jolly |
| Bridge Pin Removal Problem | Stuart-Vail, Nossaman, Harvey |
| Bridle Tape Tip: A Better Explanation | Hughes, David |
| Dealing With the Heartbreak of Verdigris | Bartnik, Bob |
| Grand Lid Removal and Replacement | Cole, Scherer, Fortiner, Large |
| Grand Lid Removal and Replacement | Goodale, Rob; Jones, Joel; Ross |
| Joe Sciortino-The Gift for Invention | Sullivan, Anita |
| Junk That Isn't--Part II | Kline, Susan |
| Kansas City History--More Than a Cowtown | Yockey, Rebecca |
| KC 1999--The University of Piano Technology | Ragusa, John |
| Lewis Mell | |
| Looking for a Few Good Tips | Brady, Steve |
| More In Defense of Older Pianos | Schuss, Garry |
| MusicLink Links Kids, Pianos | Durbin, David |
| Saved to Serve | Ternstrom, Evelyn |
| Standard Actions, Part II | Levitan, Dan |
| Steinway & Sons to Buy Steinway Hall | |
| String-seating Tool | Revenko-Jones, Paul |
| Texas State--Really Great | Wisenbaker, Beva Jean |
| The Challenges of Modern Piano Tuning - Part III: Expanding Temperament--Onward and Outward | Winn, Bruce |
| The Steinway repetition syndrome | Marston, Marlene |
| Upright Intentions & Grand Illusions | Ice, Theron |
| Voicing Tip | Burnside, Kent |
| William Pealer | |

## KEYWORDS:

a legacy we should preserve, action gunked up clean with Starter Fluid from automotive supply, action spread difference teflon vs Renner shanks must also replace wippens, an introductory story of an experienced rebuilder surprised by bad results after bridge recapping, and for verticals with the front panel on, Assistant editor, attach vise-grip to cheap dent puller from aumotive supply, Backchecking flange pinning too loose or tight angle curve and length of tails, backchecking problem enlarged balance rail hole or loose key bushings, bad rebuild/termination point/notch Bridge Pin Removal Problem use vise grips twisting motion carpenter's pincers pry apply mild heat with soldering iron, breaking plastic elbows, Bruce Stevens President of Steinway & Sons buying back Steinway Hall, Business Classes in Kansas City 1999, consistent customer satisfaction and quality work, correcting misinformation and educating customer, customer skills, effect of bridle strap adjustment too taut causes sluggish action, expanding the temperament across midrange, geometry problem, glad to serve PTGA, Grand Lid damage prevent Removal by cut off ends of pins so they must be removed with punch replacing lids and locating hinges double-sided tape, Grand Lid Removal entirely for performance causes stress on hinges lost hinge pins damage to lids solutions, high treble and bass regions, innovator, interacting and working through the customer, jack binding on bumper felt in balancier window, Joe Sciortino genius in creating tools, Journal artist, Kansas City Convention 1999 diverse curriculum, Kansas City History--More Than a Cowtown, Knurled brass screwdriver modified for seating strings at hitch pin., Lewis Mell, lube with ProTek CLP ether danger of fire or explosion use in well-ventilated area, many newer ones are of poor quality customer sentimental attachment, many older pianos are worth repair and rebuilding, March is Music in the School Month volunteer MusicLink Links Kids, Needed: TT&T material, Pianos, polycarbonate snap on replacement elbows, slip-joint pliers, some older pianos were built to wonderful standards, Steve Fair-child, survived ship sinking WWII German attack, systems, techniques in piano work, ten signs of a good upright,, Texas State Seminar 1998 Jimmy Gold Award Martin Wisenbaker, The Steinway repetition syndrome importance of understanding all facets of action regulation wippen pin-ning spring tension, this grippy little impact puller also works wonderfully for key pins, tools needed: tin snips, transverse=end wire cutters, treble, verbs used as nouns refer to piano parts, vise-grip, voicing remember if the owner will hear the piano with lid up or down, what is your aptitude for being a piano technician, wide range of technical skills, William Pealer, worth restoring list of experts to consult

April 1999
CD# 4
Articles

| TITLE | AUTHOR |
|---|---|
| "Pro-Tip" Extension | Hallmark, Alan |
| 1998 NCRC Richmond Tour In Review | Goodwin, Fran |
| 1999 Winter NAMM Show Review | Brady, Steve |
| '98 N.C. Regional Conference Draws Int'l Audience | Hallmark, Alan |
| A Guide to Recapping Bridges, Part II: Preparing the capping material | Hohf, Robert |
| A Piano Technicians Guide to Field Repairs | Brady, Steve |
| Action Handling | Jones, Joel; Tomlinson, Grassi |
| Action Handling | Probst, Foote, Hunt |
| Alson Blaney | |
| Baldwin Reports Q4, Year-End '98 Results | |
| Bartolomeo Does Some Tuning | Patterson, David |
| Broken Tuning Pin Removal | Fox, Simon, Snelson, Foote |
| Broken Tuning Pin Removal | Simmons, Nossaman, Root, Hunt |
| Cutting Damper Felt | Chick, Miller, Goodale, Purdy |
| Cutting Damper Felt | Ilvedson, Sambell, Hunt, Newell |
| D. Elwyn Lamb | |
| Diane Y. Hennessy | Hennessy, Diane |
| Disposable Glue Bottle | Brady, Steve |
| Ernest Brinkman | |
| James Page | |
| Just Do It!--Kansas City '99 | Ragusa, John |
| Leftover Tuning Pins | Bartnik, Bob |
| Nashville Chapter Become Historically Correct | Dady, Herb |
| Over the Mountain & Through the Snow | Neal, Doug |
| PTGA Supports PTG | Raudenbush, Marilyn |
| Rebuilding Your Way To The Future | Probst, Dale |
| Retronyms & the "Piano" | Bryant, Jim |
| Securing Fallboard While Working | Slavin, Michael |
| Seiler Phantom Grand at NAMM | Fleming-Read, Anne |
| Servicing Vertical Actions on Location | Cashion, Jack |
| Steinway Fourth Quarter Results | |
| The Challenges of Modern Piano Tuning-Part IV: Stability and Unisons | Winn, Bruce |
| The Effect of Temperature on Piano Pitch | Payne, James |

## KEYWORDS:

"Pro-Tip" Extension from Dryburgh Adhesives is a precision-control extension that fits on the end of the bottle tip, 1998 North Carolina Regional Conference in Richmond, '98 N.C. Regional Conference Draws International Audience, about the capping wood, Alson Blaney, anticipation of Kansas City 1999 Convention, Baldwin Reports Fourth Quarter, Braucke folding two-wheel very compact, Broken Tuning Pin Removal Pianotek has tool, careful about posture and arm & shoulders v-bar resurfacing seating strings, Chinese pianos improve, cool with dry ice, customer permission, Cutting Damper Felt Spurlock cutting block jig, D. Elwyn Lamb, deep needling, Diane Y. Hennessy bio, Disposable Glue Bottle spice bottle for hot hide glue, don't allow use of "acoustic piano" just use "piano", Doug Neal's great travel difficulties getting to concert tunings for Misha Dichter, drive pin deeper or through, earnings per share up, Edward Foote and Enid Katahn present program on Historical Temperaments wave of the future, Ernest Brinkman, extractor tip with reverse threads, Field Repair classes at Kansas City Institute 1999, gang filing, Geneva International Fazioli hybrid pianos acoustic & electronic played more so need more service Baldwin ConcertMaster, guillotine, how to move an action without carrying it Paul Jensen action dolly, how to prevent with proper fitting tips, install damper felts, James Page, Leftover Tuning Pins store in zipper plastic baggie with label, luggage cart, making a tool, Norman Cantrell grand action cart, pitch raising, pruning shears Pianotek, PTGA Supports PTG, reasons why tuning pins break, Rebuilding classes at Kansas City Institute 1999, Recapping Bridges, rotary cutter, scalpel, Securing Fallboard While Working wedge a rubber tuning mute, Seiler Phantom Grand at NAMM truly unique instrument for learning provides a full cross-section of the piano from keyboard to tail hinged together, Servicing Vertical Actions on Location use 12-gauge solid core electrical wire for action hangers, Steinway piano division achieved record results in 1998, The Challenges of Modern Piano Tuning Stability and Unisons improper tuning hammer twisted and bent pins flagpoling, The Effect of Temperature on Piano Pitch, VA, various considerations on tuning, Watanabe, Year-End '98 Results

May 1999
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Articles

| TITLE | AUTHOR |
|---|---|
| "String Voicing"Öa New Concept? | Fehrenbacher, Craig |
| "Thumper" Modifications | Harvey, Jim |
| A Case for Customer Service | Cantrell, Norman |
| A Guide to Bridge Recapping-Part III | Hohf, Robert |
| Action Blasting | Fandrich, Hunt, Coleman |
| Action Blasting | Heaton, Moody, Simon Grattan |
| Action Blasting | King, Alan; Kroeker Dewey McCoy |
| Bartolomeo Explores Tone | Patterson, David |
| Chipping | Bremmer Bryant Nossaman |
| Chipping | Hunt, Jerry; Coleman Kline Page |
| Controllable Steam Voicing | Jolly, Roger |
| Dorothy Silva | Tremper, Phyllis |
| Elwyn Lamb | Odenheimer, Fred |
| Harland Burgess | |
| Installing New Knuckles | Chickering, Jolly McGavern |
| Installing New Knuckles | Sambell, Ted; Page Heaton |
| Kansas City Offers a Full Plate | Hedger, Vicki |
| New Voicing Tray | Brady, Steve |
| Piano Rebuilt as Travis Memorial | Travis, Michael; Hughes, David |
| Piano Technicians Guild Foundation Update | |
| Piano Technicians Insurance Program | Kiser, Jerry |
| Public Opinion No Idiot | Stivers, Mark |
| Reach For It!--In Kansas City | Ragusa, John |
| Response to Soundboard Discussion | Grossbach, Jan |
| Sunday Morning in KC, Cybercafe and Business Roundtables | Smith, Evelyn |
| Take a Pillow to Work | Vanderhoofven, David |
| The '98 Temperament Festival | Smith, Virgil |
| The End of an Era, A Fond Farewell to a Landmark Educational Program | Goodale, Rob |
| The Readers Write | Brady, Steve |
| Volunteers Needed for Visually Impaired | Hassig, Richard |
| WIT Alumni Remember | Neal, Doug |
| You Might Need to Burn Down a Piano | Sullivan, Anita |

## KEYWORDS:

Action Blasting with glass beads silica, and over charging plumbers and city inspectors; good service requirements, attractions at 1999 convention and institute, Blasting with glass beads Spurlock articles TIP Tools & Equipment, Brandom, corn cobs air pressure Grit-O-Cobs from The Andersons, Cybercafe Palm III Baird Berry Emerson Kiel Lamoreaux Reyburn Rudoff Torrella Zajicek Brooks Spivey Mackinnon Pascone Foy Severin Radford Russell Phillips, Eastwood Compan, Elwyn Lamb, Establishing clear/clean well-defined termination points string voicing, Europiano, finely ground walnut shells, frustration with evasive, Germany German technician Response to Soundboard Discussion Editor, Gottschalk, Harland Burgess, Hear different music performed on historical temperaments Skip Becker organized at 1998 convention, Hoffsommer, humor about piano frustrations, In Memory of Dorothy Silva make donation to Auxiliary Piano Scholarship Fund, Installing New Knuckles, Journal survey results analyzed, Kansas City 1999 convention Offers a Full Plate, McMaster-Carr, Measuring and recording locations slow down pace of work bridge template removing cap veterinary syringe for epoxy, Mulcahey, Museum, New Voicing Tray, no show, Piano Rebuilt as John Travis Memorial, Piano Technicians Insurance Program liability tool property insurance coverage SAFECO Bailees transportation, pillow helps pad spider dolly under grand when installing Dampp-Chaser, Planned Giving-Leaving a Legacy Jane Karwoski winner of PTGF MTNA scholarship, Public Opinion is an idiot, restringing points of reference while chip tuning, steam voicing, Stephen Jellen, Stock, voicing, Volunteers Needed for Visually Impaired at 1999 PTG Technical Institute, Wagoner, wearable palm thumper to sock in pound in tunings, Western Iowa Tech in Sioux City respected piano technology school for more than 30 years closes, Wisner

June 1999
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Articles

| TITLE | AUTHOR |
|---|---|
| "Keep Talking" | |
| 1998-99 Secretary-Treasurer's Report | Wagoner, Gracie |
| A Guide to Bridge Recapping-Part IV | Hohf, Robert |
| An Essay on the History of Tuning--Part XI The Birth of Our Profession | Becker, Skip |
| Bartolomeo Declines to Pull Out His Hair | Patterson, David |
| Better-Looking Plate Screws | Hughes, David |
| Damper Guide-Rail Bushings | Chick, Kline, Cole |
| Flexible-shaft Screwdriver | Vanderhoofven, David |
| Humidifier Pad Replacement | Slavin, Michael |
| Leg Screw-Hole Repairs | Newell, Hunt Foote |
| Lucinda Lear Receives PTG Foundation Grant | |
| Noisy Bridle Straps | DiTommaso, Moody, Degen |
| PA State Seminar a Hit | Tremper, Phyllis |
| Plastic in Piano Actions | Mannino, Don |
| Proposed Amendments to the Piano Technicians Guild Auxiliary Bylaws | Ternstrom, Evelyn |
| Ralph Hamilton | |
| Skimming the Cream (What to Do When Your Business Becomes Too Successful) | Brady, Steve |
| Steinway Underlever Replacement | Sturm, Fandrich Sloane McNeil |
| Symphony Afghan Ready for KC Raffle | Wisenbaker, Beva Jean |
| Tight Action Centers-"To juice or not to juice?" | Leary, Kevin |
| Where's the Beef | Ragusa, John; Prindle, Bill |
| Y2K & the Piano Tech | Anderson, Kris |

## KEYWORDS:

1998-1999 Secretary-Treasurer's Report, A Guide to Bridge Recapping clamping, bad reputation of 1950s plastic PVC and ABS plastics, Better-Looking Plate Screws avoid chipping new plate paint with dummy screws while finish still pliable, Damper Guide-Rail Bushings sizing with alcohol and bridge pin, dowel wood has wrong grain orientation "Wood Rebuilder" CA glue, Flexible-shaft Screwdriver Snakedriver Durapro, Humidifier Pad Replacement use a gallon-size Zip-Loc bag with disposable latex glove, Kansas City 1999 convention, Leg Screw-Hole Repairs threaded inserts, Lucinda Lear Receives PTG Foundation Grant, marketing strategy, Noisy Bridle Straps pvc-e glue or rubber cement cures, PA State Seminar a Hit, Plastic in Piano Actions pioneering by Kawai in late 1960s, plugs cut with tenon maker or plug cutter, Proposed Amendments to the Piano Technicians Guild Auxiliary Bylaws, Ralph Hamilton, steel/nylon pedal system frustrations, Steinway Underlever Replacement Renner kit, Symphony Afghan Ready for KC Raffle, Tight Action Centers wool lubricate ream friction contaminantes Protek naptha, too much too successful business more than you have time for how to cut back raise rates downsize your service area specialize, tuning The Birth of Our Profession, Y2K & the Piano Tech anticipated year 2000 computer problems telecommunications

July 1999
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Articles

| TITLE | AUTHOR |
|---|---|
| A Guide to Bridge Recapping-Part V | Hohf, Robert |
| An Essay on the History of Tuning--Part XII | Becker, Skip |
| Another Visit to the Temperament Festival | Becker, Skip |
| Bartolomeo takes stock of his checklists | Patterson, David |
| Centering Hole in End of Rod | Dewey, John |
| Ear Training - Part I | Sutton, Ed |
| Enjoying the Unexpected | Brady, Steve |
| FAC Averaging | Piesik Carey Larudee Sturm |
| Grand Damper Regulation | Sloane, Ken |
| I Found The Beef! | Prindle, Bill |
| James Barry | |
| Jazz Tuning | Potter, Mark;Severance Carter |
| Jimmy Gold | |
| Magnetic Dust Pan | Bartnik, Bob |
| Muffler Rail Tip | Slavin, Michael |
| New Research Shows ABS Piano Action Parts Superior to Wood | |
| Replacing Jack Spring Retainer Strings on Grand Wippens | Stephens, Don |
| Tools From Coat Hanger Wire | Juhn, Ernie |
| Touchweight a Matter of Physics | Cox, Jim |
| Trolley Provides Unique View of KC | Yockey, Rebecca |
| Tuning Upright Players | Lesher, Cliff; Fisher, Larry |
| Wapin LLP Formed | |

## KEYWORDS:

1999 convention alternative activities in Kansas City, 1999 convention in Kansas City places to eat, A Guide to Bridge Recapping-Part V downbearing deflected soundboard, An Essay on the History of Tuning--Part XII, bridle wire position affects touch David Hughes and Andrew Margrave, Butler EEZ-THRU Floss Threader dental for Replacing Jack Spring Retainer Strings on Grand Wippens, Centering Hole in End of Rod, corrections to Virgil Smith's evaluation in the 6/99 Journal of the 1999 convention Temperament Festival Bill Bremmer Equal-Beating Victorian (EBV), developing checklists to improve work efficiency waste less time by forgetting, Ear Training tips on how to train our ears todo better tuning. Close your eyes, equal load distribution, FAC Averaging for tuning two different size pianos together SAT needs manual calculation RCT does it for you, Grand Damper Regulation wire bending tool with kerf parallel-jaw pliers, James Barry, Jazz Tuning not different than other tuning equal temperament probably preferred, Jimmy Gold, Magnetic Dust Pan to separate spilled screws from the dust when you sweep them up, Muffler Rail Tip, or there is much regulating to do before you can tune, Prof Abdul Sadat piano action parts made of ABS Styran superior to wood strength durability dimensional consistency resistance to climatic change, Tools From Coat Hanger Wire, Tuning Upright Players leave the player action in don't remove, unexpected problems a string breaks just before concert, Wapin LLP Formed Sioux Falls Bill Springer Tim Coates Michael Wathen exclusive worldwide distributor of patent system for attaching string to piano bridge

August 1999
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Articles

| TITLE | AUTHOR |
|---|---|
| A Guide to Bridge Recapping--Part VI | Hohf, Robert |
| A Word (or Two) About Voicing | Juhn, Ernie |
| Baldwin Builds Custom Keys for Platinum-Selling Pop Artist Ben | |
| Bartolomeo Examines the Keys | Patterson, David |
| Becoming a Well-Tempered Pianist | Katahn, Enid |
| Bedding The Keyframe--Part I | De Tar, Brian |
| Branch, John | |
| Buzzy Babies | Grassi, Jeannie |
| Cleaning the Plate | Beckingham, Blees, Potter |
| Contracting Work | Messerly, Carter, Blees, Fox |
| Dancing Dampers | Mamer, Todd, Dempsey |
| Ear Training: The Overtone Series | Sutton, Ed |
| Estimating Stringing Material | Torrella, Jolly, Peake |
| Foot Switch becomes a Hand Switch | Cox, Jim |
| Mutes and Muting | Kurta, Michael |
| Response to Virgil Smith's Temperament Festival Commentary | Bremer, Bill |
| Take a Tip and Sharpen Your Axe | Nelson, Lyn |
| The More Things ChangeÖ | Grassi, Jeannie |
| The Restoration of Historical Temperaments | Jorgensen, Owen |
| Winner of MTNA-Steinway & Sons Collegiate Artist Piano Compe- | |

## KEYWORDS:

1099 if over $600, Baldwin Builds Custom Keys for Platinum-Selling Pop Artist Ben Folds Joe Vitti, Bartolomeo Examines the Keys, Branch, bridge recapping setting downbearing thicknessing the new cap, chord-quality differences not present in ET, cleaning plate before regilding Simple Green 400-grit sandpaper TSP tri-sodium phosphate Soilex at Porter Paints, cut felt strip mute down center leave connected at one end, damper screws found loose after careful alignment, Don Mannino's fabric tubes filled w PVC pellets lie on aliquot or duplex scale to make treble tuning easier Buzzy Babies, Enid Katahn William Carragan Edward Foote Piano and Keyboard Magazine Coleman M. Kolinski, Estimating Stringing Material of plain wire is not worth the detail, Fantastik, Foot Switch becomes a Hand Switch SAT, from surgery. Subcontract. IRS, historical temperaments Susan Halligan, hook handles together, how to continue your tuning business if you are gone for several weeks--say, John, just keep an extra five-pound package available at all times, learn the overtone series Coleman Beat Locator Cards, Mason The New Tuning, MTNA-Steinway Colegiate Artist Piano Competition Peter Goodrich Gary Ingle Bruce Stevens Sally Coveleskie Frank Mazurco, new tools and technology computers aid technicians in working on a machine whose basic design has not changed in 100 years, new tuning hammer extension shaft #3 tip cured frustration, Paul Bailey Meantone Quasi-Equal Tune-off, relatively flexible keyframes best bedding, sand rubberwedge mutes, screws not tightened enough, serenity of more pure calm chords and the wavering pulsting activity the drama in changes of key well-tempered, shorten handles, Temperament Festival Providence Virgil Smith Karen Hudson Brown, voicing basics

September 1999
CD# 4
Articles

| TITLE | AUTHOR |
|---|---|
| A Guide to Bridge Recapping--Part VII | Hohf, Robert |
| Baker, George Lewis | |
| Bartolomeo puts a damper on things | Patterson, David |
| Bedding the Keyframe--Part II | De Tar, Brian |
| Carlson, Raymond | |
| Concert Instrument Maintenance | Renaud, Overs, Nossaman |
| Curiosities: A Spector Upright | Kline, Susan |
| Ear Training: Hearing Inside the Brain | Sutton, Ed |
| Fine Points of Drilling Bridges | Trout, Nossaman, Krentzel |
| Frequency Accuracy? | Trout, Scott, Hunt |
| Gray Market Yamaha Pianos | Brandom, Bill |
| Heavy Touch on Old Upright | Churchill, Ken |
| Keeping Cords Neat | Dewey, John |
| Knowing When to Quit | Powell, Sam |
| More on Y2K | Day, Chris |
| Olson, Scott Joseph | |
| Orr, Ronald W. | |
| Plastic Action Parts | Cohen, Steven |
| Quick Fix for Bottom-Board Squeak | Vanderhoofven, David |
| Thanks fo the Tips | Brady, Steve |
| The Seven-Year Rule | Belmont, Bob |
| Yamaha Consultant LaRoy Edwards Honored With Lifetime | |
| Yamaha Offers Interactive CD Rom Selections for High-tech prod- | |

## KEYWORDS:

Baker, bedding keyframe, brad point drill bit, bridge pin angle, bridge recapping, Bureau is the ultimate standard for measuring pitch Cesium atomic clocks RCT SAT TuneLab CalSound calibrate, Carlson, close your eyes while listening, cut-down upright piano, damper regulation, does frequent tuning cause tone and string deterioration? Seating strings too vigorously, Don Mannino answers, George Lewis, Gray Market Yamaha Pianos pianos made for sale in Japan have no warranty in the U.S., how often to restring, how to keep drill bit from wandering off the mark, Journal Assistant Editor chosen Bob Hohf, Journal illustrator John Hartman, Journal readers send in tech tips, laying out the unisons, location has a lot to do with how quickly a piano service business can grow, loosen angled screws on the front center action brackets first, National Institute of Standards and Technology, Olson, Orr, polish top of jack with pencil to cure heavy touch, position of bridge pins notched and unnotched bass bridges side bearing Mylar template plexiglas center punch, problems of Y2K computer, question about ABS plastic flanges withstanding screw pressure, Quick Fix for Bottom-Board Squeak, Raymond, right and left brain Dr. Fredrick Schiffer's Of Two Minds, Ronald W., Scott Joseph, sometimes due to impossible-to-tune or regulate piano, tapping, the impossible-to-please customer, use plastic water pipe coupling to keep electrical cords neat, Yamaha Consultant LaRoy Edwards Honored With Lifetime Achievement Award Ray Reuter Terry Lewis, Yamaha Offers Interactive CD Rom Selections for High-tech product Information

October 1999
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Articles

| TITLE | AUTHOR |
|---|---|
| 1999 IAPBT Convention, Japan Site of 11th Annual Event | Hong, Yat-Lam |
| A Guide to Bridge Recapping--Part VIII | Hohf, Robert |
| Analyzing Touch Perception in Grand Pianos | Sloan, Ken |
| Bartomomeo Enjoys a Factory Approach | Patterson, David |
| Bedding the Keyframe -- Part III | De Tar, Brian |
| Calcote, Vernon | |
| Changes & Clarifications to the 1999 Membership Directory | |
| Congratulations Emil Fries Piano Hospital & Training Center for 50 | Potter, Randy |
| Cybercafe | |
| Davis, F. Kelso | |
| Dummy Tuning Pin | Tuckfield, Ralph |
| Ear Training: Hear More Beats Better | Sutton, Ed |
| Exhibitors @ KC | |
| Faces in the Crowd | |
| Gailes, Jr., George | |
| Golden Hammer Award | |
| Grand Wippen Retrofit | Lofton, Shull, Page |
| Home Office & Museum | |
| How Valid Are Tune-Offs? | Jorgensen, Owen |
| Hurray! For the Nebraska Chapter | Caldwell, Larry |
| I recently had a chance to visit the Yamaha piano factories in | Edwards, LaRoy |
| In Class | |
| In Council, The Institute | |
| Ink Eraser for Cleaning Strings | Hoeckelman, Alan |
| It Was Meant To Be | Wisenbaker, Beva Jean |
| Kansas City Closes out the Millinium with a Bang! | Tremper, Phyllis |
| Kawai Reception, Yamaha Reception | |
| Loose Tuning Pins | Churchill, Ken |
| More On Centering Holes | Stern, Mark |
| Opening Assembly Award Winners | |
| Piano 300 Celebration PTG Foundation Matching Grant | Zeringue, Nolan |
| Pitch Floating | Todd, Swafford, Rose |
| Plate Location Holes | LaFargue, Dove, Steve--Steinway |
| Promoting the Guild -- Sid Stone Style | Larudee, Paul |
| PTG/PTGFÖOne in the Same | Tremper, Fred |
| Randy Potter Reception, Sid Stone Business Card Display, Exams | |
| Renewal in a New Era | Hall, Dan |
| Ron Coners--Learning From The Masters | Brady, Steve |
| Sagging Center String | Carwithen, Jankura, Hollinger |
| Sagging Center String | Formsma, Blees, Pearson |
| Smith, Sheldon D. | |
| Staying With It | Brady, Steve |
| Steinway & Sons Reception, Young Chang Reception | |
| Tax Angles for Donations | |
| Thank You PTG | Preuitt, Ernest |
| Treble String Follow | Krauss, Peter |

## KEYWORDS:

1999 in Mananatsu, a look at piano factory construction techniques, action-center to knuckle distance, bedding keyframe, Byrkit, CA glue on loose tuning pins, Calcote, Caldwell, can dress V bar without restringing in small sections with emery cloth, catalog of piano garbage with diagnoses & remedies: partials, change with Renner wippens and install capstans rocker-arm action set screws, Changes & Clarifications to the 1999 Membership Directory, Congratulations Emil Fries Piano Hospital & Training Center for 50 Years of Service, cut slot on dummy tuning pin for easy removal of new string coil when replacing broken strings, cutting notches in bridge recapping cutting bass

**KEYWORDS (CONT.)**

bevels, Davis, determining average pitch of piano and tuning it there, Exams, F. Kelso, false false-beaters (ceiling fans), floating pitch, Franz Mohr, Gailes, George, give appreciated property PTGF, give through a life income gift, glide bolts--slight adjustment can quickly give pianist slightly more or less aftertouch, hammer width, has renegotiated convention room rates, how Ron Coners got into piano work and eventually Chief Concert Technician for Steinway, Ink Eraser for Cleaning Strings, International Association of Piano Builders and Technicians May 29, Japan Ralph Long Neri Band Kawai Ryuyo Piano Factory, John Dewey's tip on centering holes can be applied to enlarging any hole such as converting Steinway grand trap lever pivot holes to nylon bushed, Jr., Kansas City Closes out the Millinium with a Bang!, Ken Burton Different Strokes, key ratio, Lehr, lift and tap method, moving capstans and wippen heels, Nebraska Chapter celebrates 36th birthday: Some, new executive director ED Dan Hall introduces himself, no evolution from primitive to superior--only changes, photo essay of Kansas City 1999 convention classes, photo essay of Kansas City 1999 convention Cybercafe, photo essay of Kansas City 1999 convention Exhibitors @ KC, photo essay of Kansas City 1999 convention Faces in the Crowd, photo essay of Kansas City 1999 convention Golden Hammer Award, photo essay of Kansas City 1999 convention Home Office & Museum, photo essay of Kansas City 1999 convention in Council and Institute, photo essay of Kansas City 1999 convention Kawai Reception Judith Cohen Yamaha Reception, photo essay of Kansas City 1999 convention Opening Assembly Award Winners, photo essay of Kansas City 1999 convention Randy Potter Reception, photo essay of Kansas City 1999 convention Steinway & Sons Reception, Piano 300 Celebration PTG Foundation Matching Grant, pitch drops on pitch raise, pitting Equal Temperament against various historical temperaments, plate location holes on Crown Jewel Steinway found to be a little off, PTG Foundation is tax exempt, PTGA Scholarship winners and recital Kristin Jonina Taylor and Conrad Hulme, purpose, questions about overpull and hammer technique, results in breakage and instability, ringing duplexes overcentering late-lifting damper, sales & property exemtions, saved members and PTG money, Sheldon D., Sid Stone Business Card Display, Sid Stone give stewardess piano key necktie, Smith, Smithsonian display, Steinway replies on plate and soundboard fitting sequence in factory, thanks from Ernie Preuitt for Golden Hammer Award Keith Bowman, treble wire cuts notches into V-bars, tune-offs not valid, unusual wippen/capstan configuration on a George Steck 8' 9 grand, vary other work with tuning to avoid burnout, Vernon, visit to Yamaha piano factories in Japan, voicing technique, West, Young Chang Reception

November 1999
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Articles

| TITLE | AUTHOR |
|---|---|
| A Guide to Bridge Recapping--Part IX | Hohf, Robert |
| An Essay on the History of Tuning-- Part XIII | Becker, Skip |
| An Open Letter to Bass-String Manufacturers | Garrett, Joe |
| Another Use for Spring Clamps | Kline, Susan |
| Back In Time | Tremper, Phyllis |
| Cleaning Lacquer On Brass Parts | Buyce, Harry |
| Ear Training: We Get Rhythmic | Sutton, Ed |
| Forgy, Paul | |
| Hurricanes in NC Devastate PTG Members | Wigent, Don |
| Mold Release | Gallaway, Kent |
| More Muting Tips | Hebert, Leonard |
| More On The Battle of the Temperaments | Radford, Carl |
| Now I've Heard Everything | Brady, Steve |
| Pinblock Drilling | Trout, Panaccione, Fandrich |
| Planning for Retirement | Blees, Willem |
| Real Business in China | Schroeder, Stephen |
| Removing Sharps & Matching Naturals | Fortiner, Gunderson, Nichols |
| Restoring a Finish | Jankura, Mahard, Trischetta |
| Some Thoughts About Let-Off | Davenport, Richard |
| The NeverTune Piano | Hollinger, Jolly, Reinhardt |
| The Human Ear: The Limits of Accuracy | Smith, Virgil |
| Who's Number 1? | Hall, Dan |

## KEYWORDS:

advice on how to drill a pinblock, also resonance color, auxiliary scholarship Hurrican Floyd, available from Defender, discussion is good but competition is not, ear can hear natural beats and correct pitch which machine cannot, even if a piano seems to hold tune well for 10 years, exciting time, flat soundboard cleaning steel bent in U-shape with action cloth glued to mute strings around plate struts, Forgy, Haydn An Essay on the History of Tuning-- Part XIII, hearing beats, how to clean polish old alligatored shellac fininsh Soilax and 0000 steel wool turpentine & boiled linseed oil & vinegar, how to match replacement plastic keytops Vagias Ventures, how to remove black keytops without splintering wood, Howard Refininisher Old English, Hurricanes in NC Devastate PTG Members, increase PTG membership, it should still see yearly service, leadership listen to members, making new damper guide rails, members offer creative ideas for improvements, methods for determining the value of a service business selling your business retirement renting pianos for retirement income, paper patterns, Paul, polyvinylalcohol works well as mold release, replacement bass strings generally are not accurate and most bass string manufacturers do value accuracy, scale sticks, Schroeder's Pianos in Paramount CA Perry Mr. Bao China International Exhibition of Pro Audio CALM Expo '99, Some Thoughts About Let-Off, spring clamps used as stand to hold music desk on edge during repair, stories about cabinet maker and plumber completely disassembling a Chickering grand to refinish, story of a deaf tuner, the different temperaments are a matter of personal taste and appropriateness for certain music, tuning is only one component of service Total Piano Maintenance, use spray oven cleaner to remove lacquer off of brass parts, warmth and brightness

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a recent trip to France to see pianos in stores and museums piano techers earn more, account for some of the difference betweein up-weight and downweight, Andreas Streicher piano shop in Vienna Beethoven, Ben Marcato emphasizing basic skill, but rather a couple of hammer shanks, cheap tape leaves gunk clean with GoofOff, cleaning soundboards beyond just removing loose dirt wet solution The Original Dobie Cleaning Pad by Scotch-Brite, convention highlights, depends, ETD users must learn and use aural skills, give as wise tax planning give idle assets Pris Chansky contracted to provide fundraising services to PTGF, increasing hearing awareness, life is tough enough--we ought to help others through it Paderewski story, not just friction, people can play musical instruments long after the knees give out, Peterson AutoStrobe used by tuning fork manufacturers Riverbank Laboratories and Gardner Products, piano chopped down to fit available space, PTGF National Piano Travelers Association Marshall Hawkins Henry Steinway Nikolaus Schimmel Henry Heler, replacing hexagonal-sided capstans found on earlier Steinway grands tool and technique, solid tuning, Special key ring for piano keys, splicing wire organized in plastic parts box, techniques for using piano tilters, vector analysis shows that energy losses, wait how long after new piano delivery for acclimate to new surroundings before first tuning? 72 hours to several weeks, when moving grand just a short distance don't use dolly under skidboard, when taping a microphone to piano use highest professional grade gaffer's tape