

JOHN H. DRUM.

Improvement in Combined Spool-Stand and Button-Boxes.

114,537.

Patented May 9, 1871.

Fig. 1.

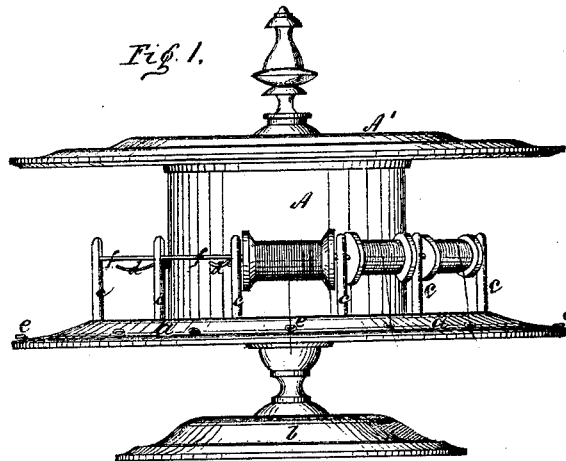
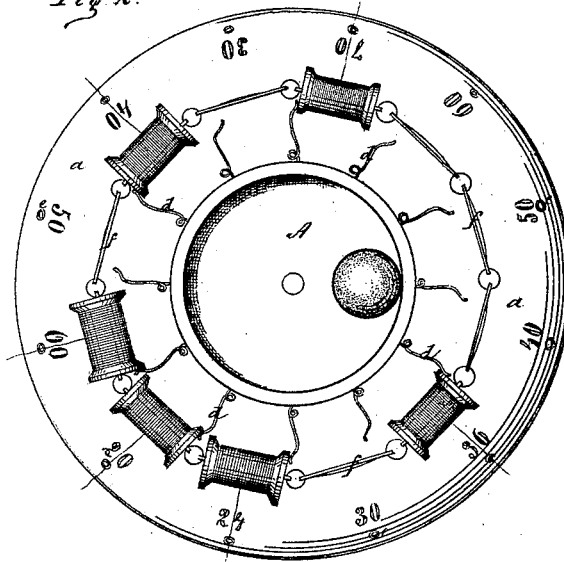


Fig. 2.



Witnesses.

H. J. Fritz
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John H. Drum, Inventor

by Geo. E. Brown,

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UNITED STATES PATENT OFFICE.

JOHN H. DRUM, OF BETHEL, MICHIGAN.

IMPROVEMENT IN COMBINED SPOOL-STANDS AND BUTTON-BOXES.

Specification forming part of Letters Patent No. 114,537, dated May 9, 1871.

To all whom it may concern:

Be it known that I, JOHN H. DRUM, of Bethel, Branch county, Michigan, have invented an Improved Spool-Stand and Button-Box, of which the following is a specification.

This invention is intended for the use of hand-sewers, and has for its object to hold spools of thread of different numbers upon a revolving stand, so that any one of the spools may be readily brought within easy reach of the operator, each spool being subject to the action of a separate tension device, so as to keep the thread from unwinding too much, and the stand being combined with a cylindrical box that serves to hold buttons, pins, needles, &c.

Referring to the drawings, in which Figure 1 is a side elevation, and Fig. 2 a horizontal section, *a* is a wooden rotatory disk, pivoted at its center upon the top of a standard, *b*, and supporting a circular row of vertical pins, *c*, placed far enough apart to admit of spools being inserted between them lengthwise, the spools being mounted on wires *f*, passed

through their central orifices, which wires rest at their ends in recesses cut in the tops of the pins *c*, whence they are removable. Tension-arms *d*, projecting from the outside of the button-box *A*, bear upon the spools, and as the threads also pass through coiled wires *e*, secured to the disk *a* in front of the spools, the latter are by these devices prevented from discharging too much thread. The box *A* is secured to the top of the disk *a*, and is concentric therewith, and has a cover, *A'*, that extends over the spools and protects them from dust. On the beveled edge of the disk *a*, in front of each spool-space, are painted the figures that indicate the number of spool for that space.

I claim as my invention—

The disk *a*, provided with pins *c* and tension-coils *e*, and combined with wires *f* and tension-arms *d*, as described.

JOHN H. DRUM.

Witnesses:

DAVID N. GREEN,
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