

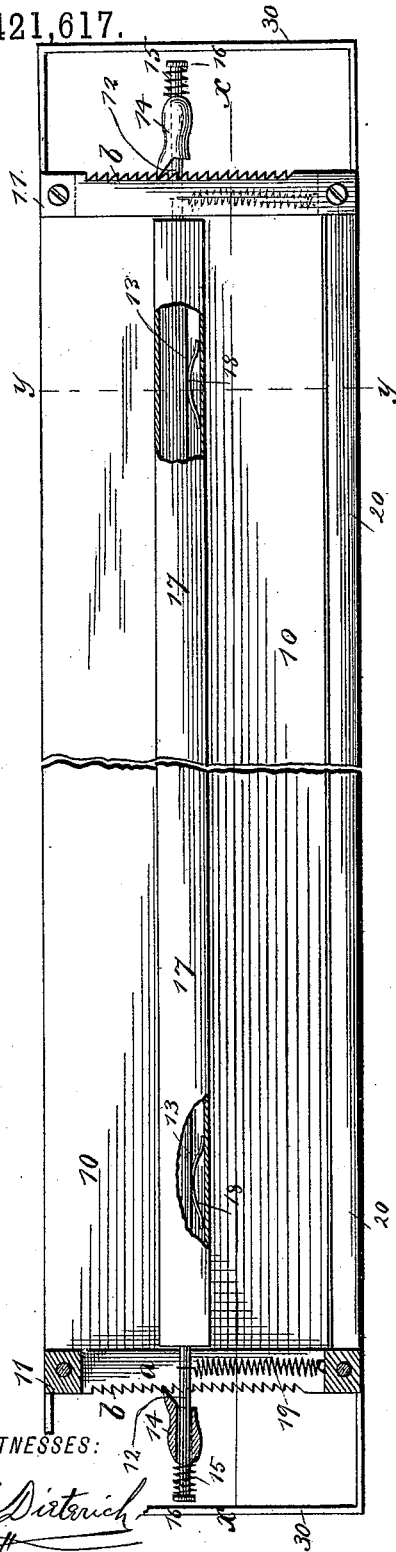
(No Model.)

W. S. ROGERS.
PRINTER'S GALLEY.

No. 421,617.

Patented Feb. 18, 1890.

Fig. 1.



WITNESSES:

Phil. C. Dietrich
G. Sedgwick

Fig. 2.

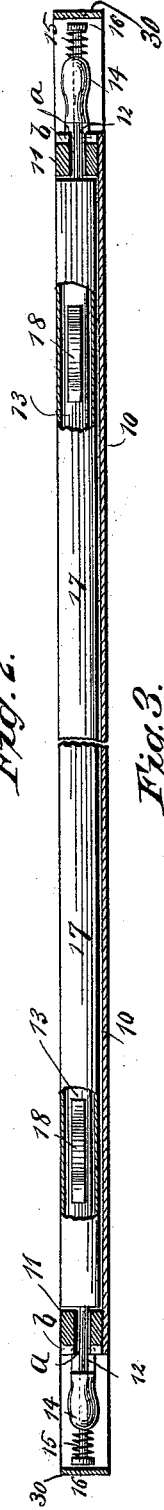


Fig. 3.

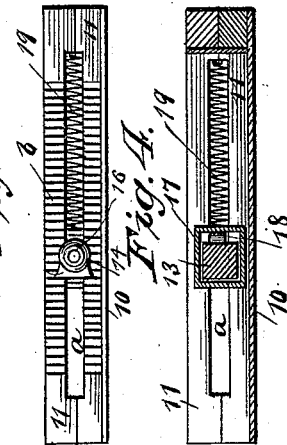
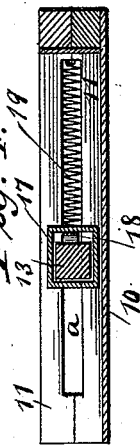


Fig. 4.



INVENTOR

W. S. Rogers

BY

Munn & Co.

ATTORNEY

UNITED STATES PATENT OFFICE.

WILLIAM S. ROGERS, OF LOS ANGELES, CALIFORNIA, ASSIGNOR TO HIMSELF
AND JULIUS COPP, OF SAME PLACE.

PRINTER'S GALLEY.

SPECIFICATION forming part of Letters Patent No. 421,617, dated February 18, 1890.

Application filed March 18, 1889. Serial No. 303,689. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM S. ROGERS, of Los Angeles, in the county of Los Angeles and State of California, have invented a new and Improved Printer's Galley, of which the following is a full, clear, and exact description.

The object of this invention is to provide a galley attachment whereby the use of the ordinary wooden quoin used in locking up galleys is dispensed with; and to the end named the invention consists in the construction and arrangement of parts, all as will be hereinafter more fully described, and specifically pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures and letters of reference indicate corresponding parts in all the views.

Figure 1 is a plan view of my improved galley, parts being broken away. Fig. 2 is a longitudinal sectional view taken on line *xx* of Fig. 1. Fig. 3 is an end view, and Fig. 4 is a cross-sectional view on line *yy* of Fig. 1.

In the drawings, 10 represents a galley, the ends 11 of said galley being divided so as to form slots *a*, through which there extend stems 12, that are rigidly connected to a bar 13. The galley ends 11 are formed with teeth *b*, the space between said teeth being equal to one nonpareil, and these teeth are engaged by pawl 14, through which the stems 12 pass, the pawls being held in engagement with the teeth by springs 15, coiled about the stems and bearing at one end against the pawls and at the other against heads 16, that are secured to the extending ends of the stems. The bar 13 is inclosed in a case 17, said case being normally forced forward to the position in which it is shown in the drawings by bow-springs 18, that are arranged between the bar and the case. Springs 19 tend to draw the bar 13 and its case 17 toward the galley-flange 20. The bar and the case, it will be seen, form a two-part side-stick having a yielding working-face.

In operation the type are set as usual, and as they are so set they will be held in place by the action of the parts named, so that the necessity of blocking up by quoins is avoided, and proofs may be taken directly from the galley without such blocking, or the type may be stored away in the galley. If desired, the stems 12 and the pawls carried thereby could be protected by frames 30.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. The combination, with a printer's galley, of an adjustable two-part side-stick having a yielding working-face and a pawl-and-ratchet mechanism connecting the ends of the stick and galley, substantially as set forth.

2. The combination, with a printer's galley, of an adjustable side-stick formed in two parts having interposed springs, whereby the working-face of the stick may yield, and a pawl-and-ratchet mechanism connecting the ends of the stick and galley, substantially as set forth.

3. The combination, with the galley, of a bar therein provided with a spring-pressed case and a pawl-and-ratchet mechanism connecting the ends of the bar and galley, substantially as set forth.

4. The combination, with a galley, of a bar provided with shanks which extend through slots formed in the galley ends, racks formed upon the galley ends, and spring-pressed pawls which engage said racks, substantially as described.

5. The combination, with a galley, of a longitudinal bar, shanks carried by said bar and extending through slots formed in the galley ends, springs 19, connected to the shanks, spring-pressed pawls which engage racks formed upon the galley ends, a case which incloses the bar, and springs arranged between the bar and case, substantially as described.

WILLIAM S. ROGERS.

Witnesses:

FRIEND E. LACEY,
GEORGE W. GIBSON.