

(No Model.)

F. KEEFER.
PRINTER'S GALLEY.

No. 261,616.

Patented July 25, 1882.

Fig. 1.

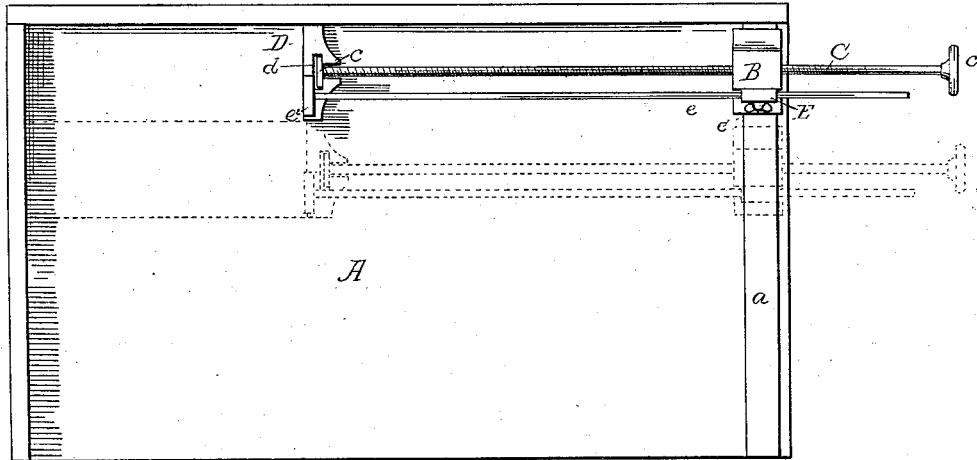


Fig. 2.

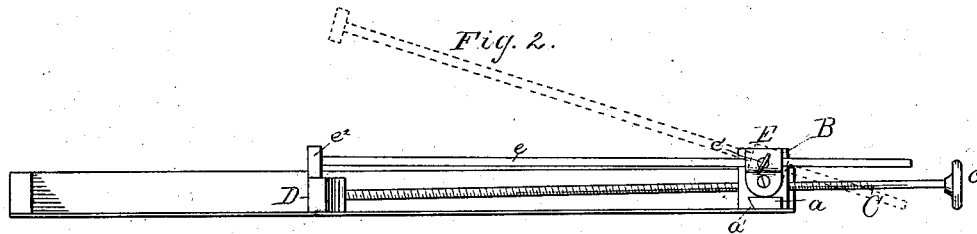


Fig. 3.

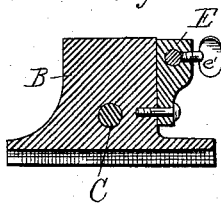
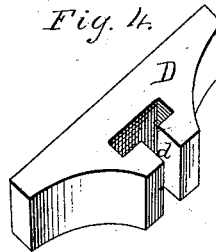


Fig. 4.



Witnesses:

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UNITED STATES PATENT OFFICE.

FRANK KEEFER, OF CHICAGO, ILLINOIS.

PRINTER'S GALLEY.

SPECIFICATION forming part of Letters Patent No. 261,616, dated July 25, 1882.

Application filed November 7, 1881. (No model.)

To all whom it may concern:

Be it known that I, FRANK KEEFER, of the city of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Printers' Galleys; and I do hereby declare the following to be a full, clear, and exact description of the same, which will enable others skilled in the art to which my invention appertains to make and use the same, reference being had to the accompanying drawings and the letters of reference marked thereon, in which—

Figure 1 is a plan view of my invention; Fig. 2, a side elevation of the same; Fig. 3, a sectional view of the sliding nut, and Fig. 4 a detail view of the adjustable block.

My invention relates to that class of printers' furniture technically termed "make-up galleys," in which the "matter" is collected preparatory to being put into the chase.

In the drawings, A represents a galley having ledges at one end and side only, and provided at the other and open end with a track, *a*, placed transversely on the bed-plate, and beveled on its under and inner side, as shown at *a'* in Fig. 2.

Moving laterally on the track *a* is a sliding nut, B, which is tapped to receive the screw C, and has a dovetailed groove to receive the track *a*. The screw C passes through the nut B, and runs parallel with the sides and over the bed-plate of the galley. It is provided with a flange or shoulder, *c*, on its inner end, which enters a T-slot, *d*, in the detachable block D, which may be made of different sizes to suit the varying widths of columns of matter. The screw C is operated by an ordinary finger-grasp, *c'*, by means of which the detachable block D may be moved longitudinally over the bed-plate for the purpose of ascertaining the exact length of the column of matter in connection with which it may be used.

Pivoted to the side of the nut B, as shown in the drawings, is a head, E, carrying the gage-rod *e*, which runs parallel with or in the same direction as the screw C, and is adjustable in any desired position, and may be there held in place by the thumb-screw *e'*. It is provided with a gage-block, *e²*, on its inner end,

which is rectangular in shape and at right angles to said rod. After the exact length of the column needed is ascertained, the gage-block and rod are adjusted to a distance from the ledge at the closed end of the galley equal to the length of said column, and there secured in position by the thumb-screw. The matter is then placed in the galley, and a column built up to what the eye would judge was a sufficient length. This being done, the exact length is ascertained by bringing the face of the detachable block to bear against the bottom of said column, and then, by comparing the length so ascertained with that indicated by the gage-block, the slightest difference between the length of the column in the galley and the length required can be easily detected. If the matter needs alteration to obtain the exact length required, the gage-block and rod are swung up out of the way, the pivoting pin or screw holding the head carrying said gage-rod and block being so tight as to keep said rod and block in any position they may be swung to. Having completed one column, the nut is slid on the track directly below the next column, which is treated in a similar manner, and so from column to column until the galley is full, when, if desired, the gaging mechanism may be slid off the track, so as to leave the galley free and unincumbered.

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

1. In a printer's galley, the combination, with a nut, B, having a dovetail mortise in its under surface to receive and slide on a track placed across the open end of a galley, and tapped to receive a screw, C, carrying a head, D, of said galley and screw, as and for the purpose specified.

2. The combination, with a printer's galley having a track, *a*, of an adjustable nut, B, carrying a screw, C, and detachable block D, made of different sizes, and having a T-slot, *d*, to receive the flanged end of the screw C, as and for the purpose described.

3. In a printer's galley constructed as hereinbefore described, the combination, with an

adjustable nut, B, of a gage-block, e^2 , rod e ,
and head E, pivoted to said nut, as and for the
purpose specified.

4. The combination of a printer's galley hav-
5 ing ledges on one end and side, and provided
with a track running across the bed-plate at
its open end, with a mortised nut, screw, and
detachable block, and gage-rod and gage-
block, substantially as and for the purpose
10 hereinbefore described and set forth.

In testimony that I claim the foregoing as my
own I affix my signature in the presence of two
witnesses.

FRANK KEEFER.

Witnesses:

JAMES H. COYNE,

FRANK D. THOMASON.