

1,015,257.

Fig. 1.

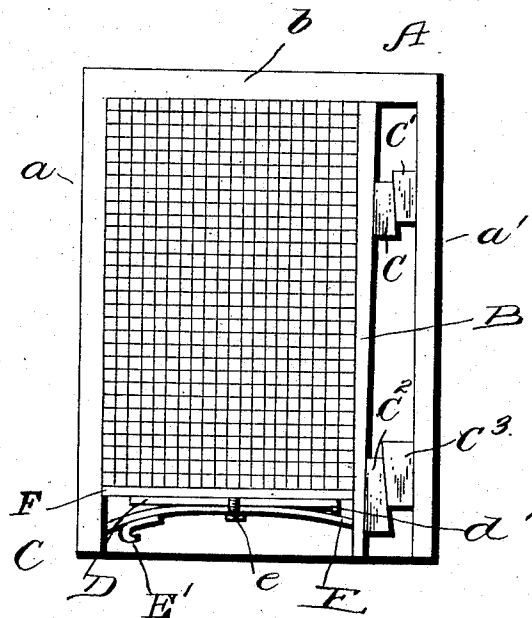


Fig. 2.

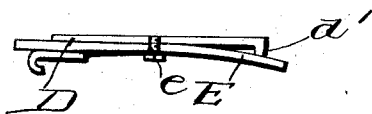
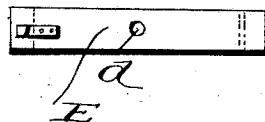


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

FRANK J. ANTELOTTI, OF NORFOLK, VIRGINIA.

FOOTLOCK FOR PRINTERS' GALLEYS.

1,015,257.

Specification of Letters Patent.

Patented Jan. 16, 1912.

Application filed June 22, 1911. Serial No. 634,744.

To all whom it may concern:

Be it known that I, FRANK J. ANTELOTTI, citizen of the United States, residing at Norfolk, in the county of Norfolk and State of Virginia, have invented certain new and useful Improvements in Footlocks for Printers' Galleys, of which the following is a specification.

My invention has relation to improvements in footlocks for locking type at the bottom of the galleys for printers' use, and it has for its object the adaptation to galleys of any description and more particularly to type galleys in which a side-stick lock-up is used, and a further object is to improve, simplify and cheapen the cost of construction of this class of devices over the existing prior state of the art.

With these and other objects in view the invention consists in the novel construction and combination of parts as will be herein-after more in detail described and the asserted novelty specifically claimed.

I have fully and clearly illustrated my invention in the accompanying drawings in which;

Figure 1 is a top or plan view of my device assembled for use, and Figs. 2 and 3 are detail views thereof.

Referring to the drawings: A designates a galley composed of side pieces *a*, *a'* and end piece *b* respectively, the opposite end of the galley being left open.

B designates a tapering side-stick lock-up. C, C', C², C³, designate wedged-shaped quoins which are located near each end of the galley and interposed between the side-stick lock-up and the inner face of one of the side pieces *a'* and the side-stick lock-up being in turn interposed between the type and said wedge-shaped quoins.

D designates a foot-clamp having a hole *d* formed centrally therethrough. One end of this clamp terminates in a right angular projection *d'* and is located edgewise and in juxtaposition to the movable end or foot piece of the galley.

E designates a flat spring slightly curved at one of its ends, the opposite end of which being straight from a point midway its length and which is also provided with a

hole which is in alinement with the hole formed in the foot clamp or keeper, and through said holes is passed a set-screw *e* for holding the clamp spring together. This spring at its opposite end and side surface is provided with a curved finger piece *E'* by which the operator can readily manipulate the adjustment of the parts of the device.

F designates a flat movable foot slug which is located edgewise at the bottom of the type to prevent displacement of the type downwardly.

In case of releasing the type the quoins are loosened and drawn out which releases the side-stick and together therewith the foot slug, foot-clamp and spring, and in assembling the above parts it is then necessary that the foot-clamp and spring are placed at the bottom of the type and shoved upwardly and the quoins and the side-stick are then put in place and the quoins are then tightened which causes a pressure upon the ends of the spring, thus holding the foot-clamp and slug solidly up against the bottom of the type.

My invention is simple in its construction and holds the type firmly at the bottom of the galley and remains positively locked until released. It is instantaneous in its operation and takes up hardly more room than a line of type; thus allowing more type to be put on the galleys. The foot-lock or device should be placed with its open end next to the side-stick if a side-stick is used (if not, on either side).

I claim—

In a printer's galley, a foot clamp having its end provided with a right angular projection, a spring device having secured to one of its ends and side surface a curved finger-piece for said foot clamp, and a set screw, for detachably securing the parts together, all operated as herein shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

FRANK J. ANTELOTTI.

Witnesses:

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ELSIE L. CULVERWELL.