

J. W. SKINNER.

Printers' Galley.

No. 131,713.

Patented Sep. 24, 1872.

Fig. 1.

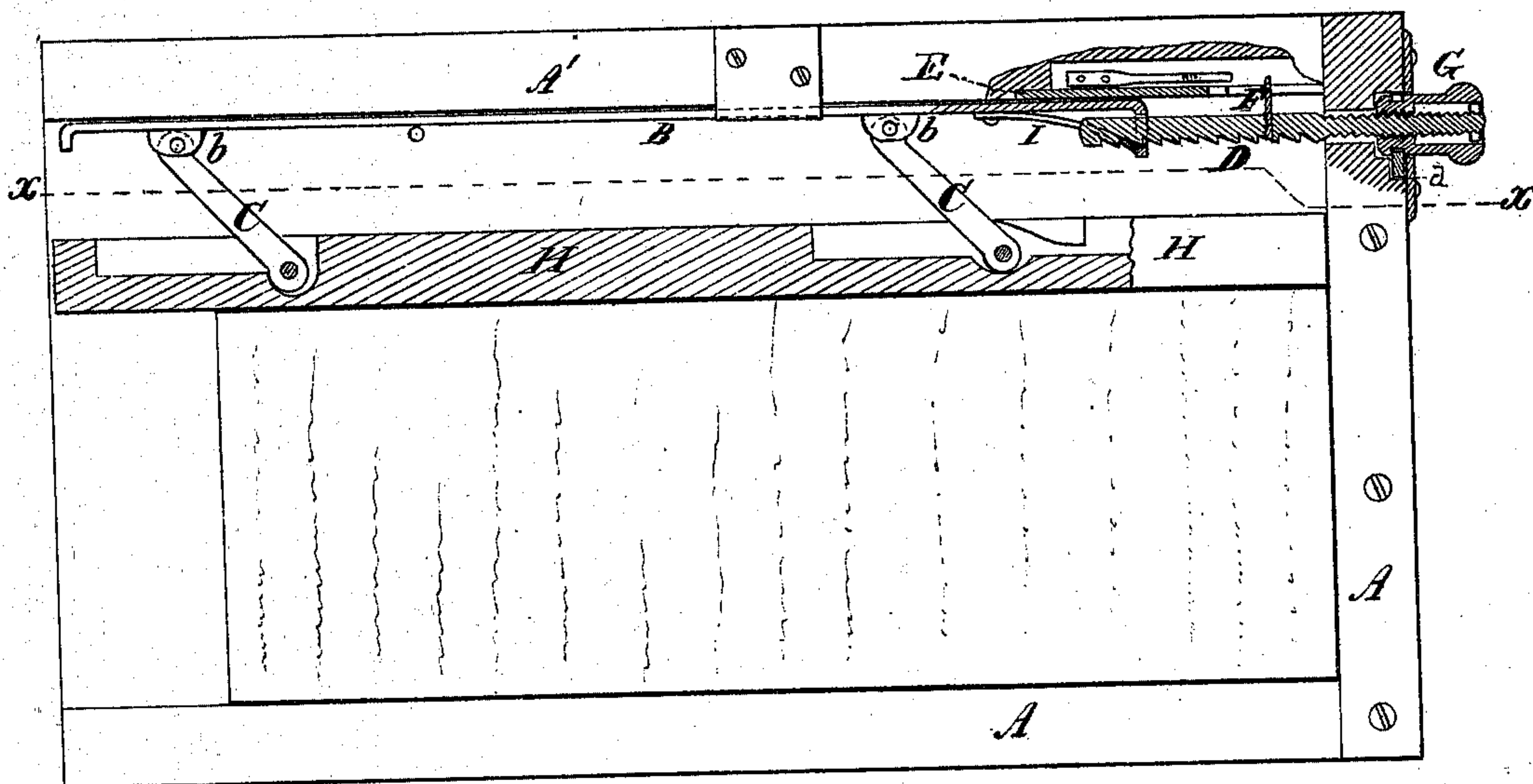


Fig. 2.

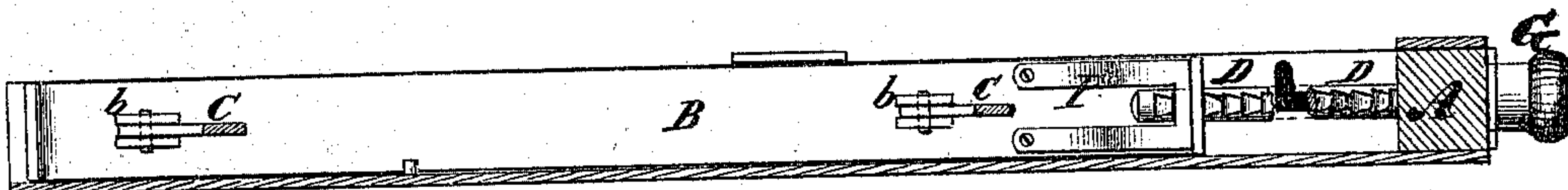
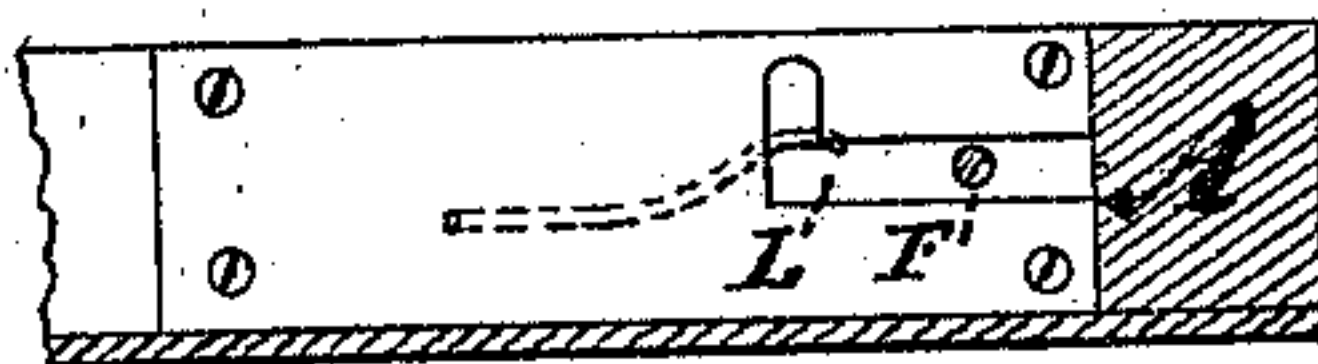


Fig. 3.



Witnesses.
A. Ruppert.
Wm. T. Tamm.

Inventor.
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by his attys.
Cox and Cox

UNITED STATES PATENT OFFICE.

JOHN W. SKINNER, OF QUINCY, ILLINOIS.

IMPROVEMENT IN PRINTERS' GALLEYS.

Specification forming part of Letters Patent No. 131,713, dated September 24, 1872.

To all whom it may concern:

Be it known that I, JOHN W. SKINNER, of Quincy, in the county of Adams and State of Illinois, have made certain new and useful Improvements in Printers' Galleys, of which the following is a specification:

Nature and Objects of the Invention.

My invention has reference to printers' galleys; and consists of a rectangular frame, to one side of which is attached a slide connected with a stick or bar, which is operated by means of a screw so as to hold the type securely in position, a hollow-threaded head being provided by means of which the screw may be moved at pleasure; the object being to furnish a printer's galley that, while possessing all the advantages of an ordinary galley, may be adjusted more rapidly and with less labor.

Description of the Accompanying Drawing.

Figure 1 is a plan view of my invention, partly in section. Fig. 2 is a side view of the same upon the line *x*, shown in Fig. 1. Fig. 3 is a view showing the L-shaped slot in the strip E.

General Description.

A is a rectangular frame, suitably constructed for the purposes for which it is designed, to one side of which is attached a metallic strip, B, arranged to slide parallel to and against the side A', being secured in its place in any appropriate manner. The strip or slide B is of sufficient strength to bear the pressure necessary to lock the type, and is provided with two or more ears or sockets, *b*, to which are pivoted the arms C C. The slide B extends from the top of the galley to a point near its base, where its head is bent upward so as to form a right angle, and a slot cut therein of a size to conform to the end of the screw D, which is used to actuate the slide, as will more fully appear. The slide B is also provided with a metallic brace, I, which is securely attached thereto, and inclined downward, its lower extremity resting upon the end of the slide B, which is, as aforesaid, bent upward to form a right angle, the inclination of the brace being arranged with reference to the notches in the side of the screw D, hereinafter de-

scribed. In the lower extremity of the side A', toward the screw D, is inserted the metallic strip E, which extends to a point above the lower end of the slide B, which is provided with an L-shaped slot that commences at the lower end of the strip running parallel and upward at right angles to the screw D, being made to receive a pin, F, that is fixed in said screw D. D is a screw which passes through the base of the galley, its lower end being provided with the hollow-threaded head G. The screw D is, as aforesaid, provided with a pin, F, that rests in the L-shaped slot in the strip E. It is made of such length that when extended to its extreme limit the pin F will rest in the angle of the L-shaped slot. The side of the screw D that is toward the stick H is provided with notches which are constructed to engage the brace I, and are intended to assist in the operation of locking the type. Pivoted to the arms C C is the stick or bar H, which is constructed of hard wood or other suitable material, and which, when in its natural position, rests upon the base of the galley, the arms C C inclining downward. In the stick or bar H, directly opposite the brace I, a notch is cut, and opposite the screw D a groove, so as to permit the stick H to be brought in contact with the side A', when desired. An aperture is cut opposite the L-shaped slot in the frame A to permit the ready movement of the pin F, and a spring arranged opposite the upright part of the slot to retain said pin F in its position, at the same time permitting it to be turned, thus turning the screw D and disengaging the notches therein from the brace I, when it is desired to do so, for the purpose of adjusting the galley, or otherwise. The hollow-threaded head G is made in any convenient form and arranged to be used substantially as a thumb-screw. Its base is provided with an annular groove working against the guide-plate *d*, whereby the head G is kept in position, the threaded part of the screw or bolt D passing up or down through it as the head is turned; thus the screw or bolt D is projected or retracted at pleasure.

Operation.

The operation of the device will be readily understood. The type, having been placed

within the frame, is locked by turning the hollow-threaded head G, which, drawing the screw D downward, the notches thereof engaging the brace I, draw down the slide B, thus forcing the stick H outward and locking the type. To remove the type, unscrew the wormed head, turning it until the pin F is carried to the angle in the L-shaped slot, when the stick H may be pressed down in contact with the side A', thus leaving room to remove the type at pleasure; or, if it appears desirable, the screw D being turned, the pin F, passing upward in the L-shaped slot, the notches are disengaged, when the slide B and the parts thereto attached may be drawn upward and entirely removed.

Claim.

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

The screw-rack D, pin F, slot L in the strip E, in combination with the slide B, substantially as and for the purposes described.

In testimony that I claim the foregoing improvement in printers' galleys, as above described, I have hereunto set my hand and seal this 22d day of July, 1872.

JOHN W. SKINNER. [L. S.]

Witnesses:

JNO. W. MCGINDLEY,
JAMES H. MCGINDLEY.