

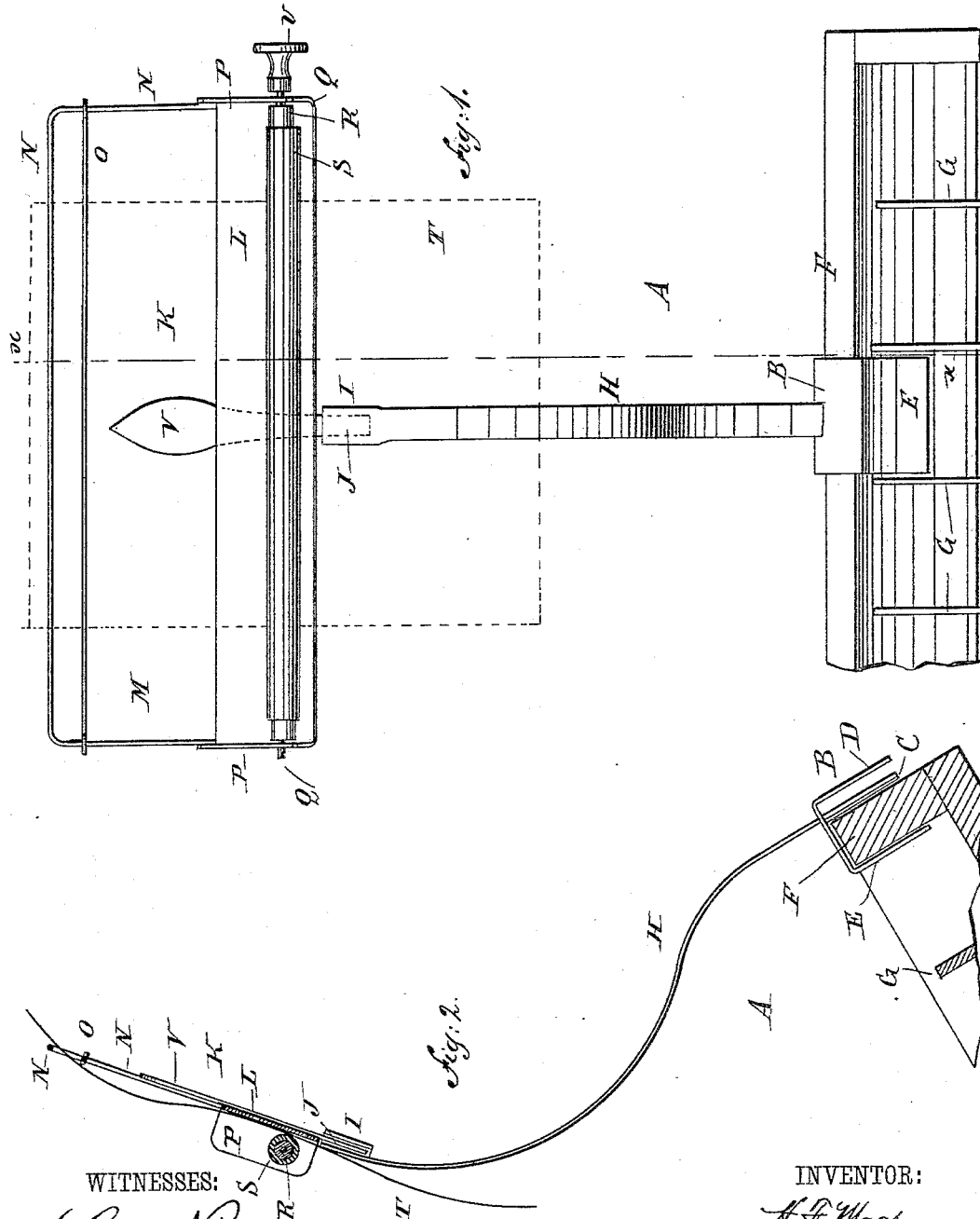
(No Model.)

H. F. MAAS.

COPY HOLDER FOR COMPOSITORS.

No. 384,374.

Patented June 12, 1888.



WITNESSES:
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HUGO F. MAAS, OF EGG HARBOR CITY, NEW JERSEY.

COPY-HOLDER FOR COMPOSITORS.

SPECIFICATION forming part of Letters Patent No. 384,374, dated June 12, 1888.

Application filed November 18, 1887. Serial No. 255,502. (No model.)

To all whom it may concern:

Be it known that I, HUGO F. MAAS, of Egg Harbor City, in the county of Atlantic and State of New Jersey, have invented a new and useful Improvement in Copy-Holders for Compositors, of which the following is a full, clear, and exact description.

The object of my invention is to provide a simple contrivance for holding copy for compositors while setting up type, which holder can be readily attached to and detached from either the upper or lower type case and adjusted to suit the height and vision of the compositor, to and from which the copy can be easily applied and removed, and whereby the copy, while being properly supported, can be readily shifted as the type-setting progresses.

To this end the invention consists of a copy-holder of novel and peculiar construction, substantially as hereinafter described, and pointed out in its various features in the claims.

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

Figure 1 is a face view of a copy-holder embodying my improvement applied to an upper type-case. Fig. 2 is a sectional side elevation of the same on the line *x x*, Fig. 1.

The copy-holder A is provided at its foot with a double U-shaped clamp, B, of wire or sheet metal, as shown, the medial spring-plate C of which is considerably nearer the outer spring-plate, D, than the opposite outer spring-plate, E. The plates C E are adapted to receive between them the outer thick rim, F, of either the lower or the upper type-case, as shown, and the plates C D any of the thin partition-boards G of either case, so that the holder can be readily adjusted to any desired position to suit the compositor.

To the top of the clamp B is fixed an upward-projecting arm, H, preferably of metal, which is formed with a flat socket, I, at its upper end to receive tightly a flat tongue, J, fixed to the lower edge of a copy-supporting rack, K, at its middle. The arm H is bent in double-curved form, so that when the base-clamp B is applied to any of the forward and upward inclined parts of the type-case, as described, the rack will be held in an upward and rearward inclined position most convenient to the user.

The copy-rack K is constructed of a lower

back plate, L, and a skeleton frame, M, rising therefrom, formed of a wire, N, bent into inverted-U shape with its free ends secured to the ends of the back plate, L, and a straight longitudinal wire, O, having its ends looped over and soldered to the side arms of the bent wire N to brace and stiffen the same. The ends of the back plate, L, are bent forward to form parallel lugs P, which are apertured to receive the journals Q of a longitudinal roller, R, which is covered with rubber S, or a like frictional substance, and is arranged in such proximity to the back plate, L, that the copy T can be passed therebetween, but will be caused to shift up or down as the roller is turned. One projecting journal Q of the roller is provided with a milled disk, U, for turning it.

A projection, V, extends upward from the back plate, L, to guide the copy to the frame M, the copy being in some cases passed between the wires N and O to hold it in place.

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

1. In a copy-holder, the combination of a double U-shaped base-clamp, an upwardly-extending arm fixed thereto having a socket at its upper end, a copy-rack secured to said socket, and a shifting-roller mounted in said copy-rack, substantially as described.

2. In a copy-holder, the combination, with a rack, K, and rack-supporting arm H, of a double U-shaped spring-clamp, B, the medial plate C of which is considerably nearer one than the other of the outer plates, D E, as and for the purpose specified.

3. In a copy-holder, the combination of a rack, K, having a smooth back plate, L, the ends of which are bent to form parallel lugs P, and a rubber-covered shifting-roller, R, journaled to said lugs P, substantially as described.

4. A rack, K, constructed of a lower back plate, L, and a rectangular skeleton frame, M, formed of a wire, N, bent into inverted-U shape and fastened to the back plate, and a longitudinal wire, O, having its ends looped over the side arms of the bent wire N, as and for the purpose specified.

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Witnesses:

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