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PATENTED DEC. 18, 1906.

J. H. SHARP.
COPY HOLDER.
APPLICATION FILED AUG. 11, 1906.

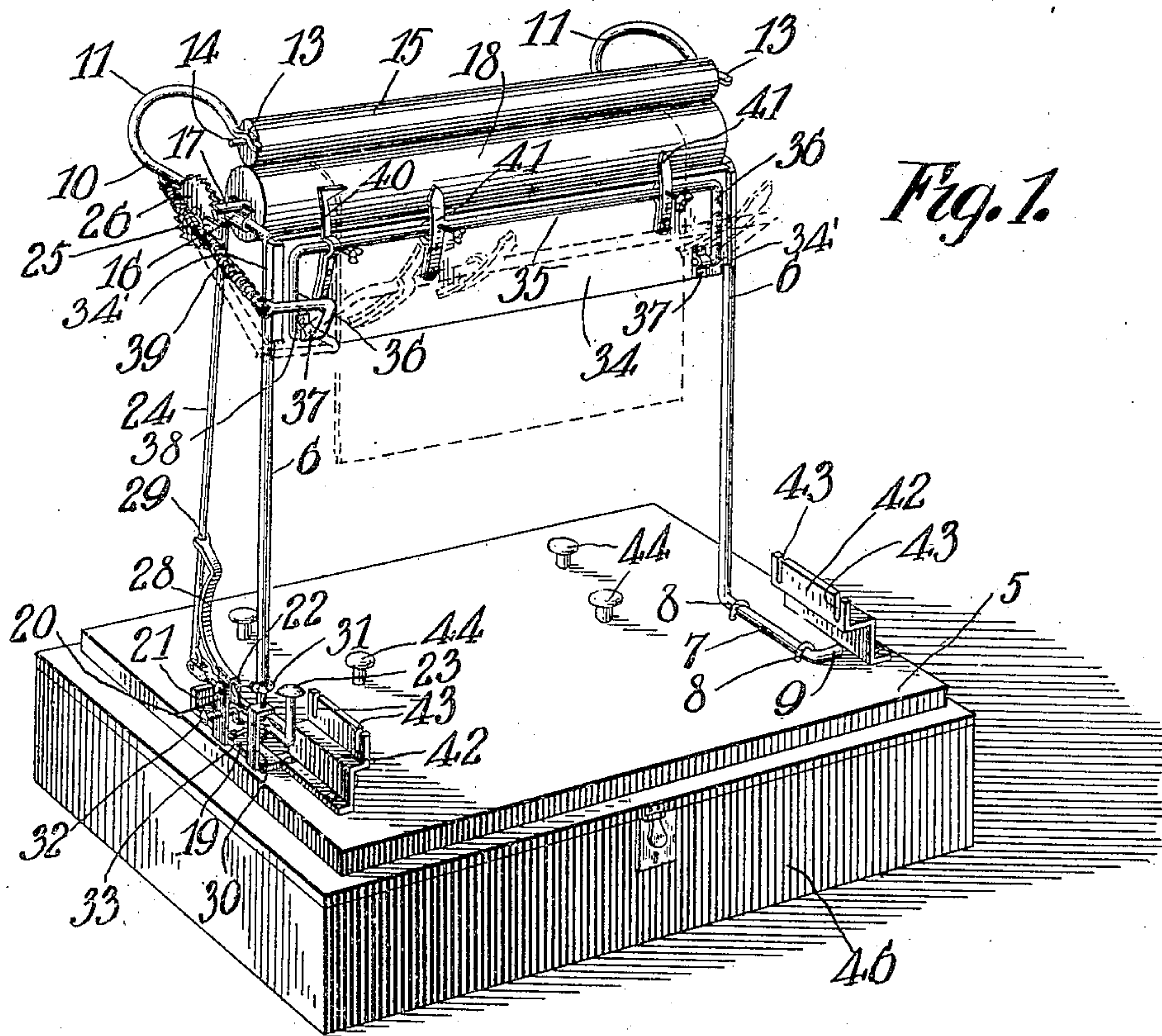


Fig. 1.

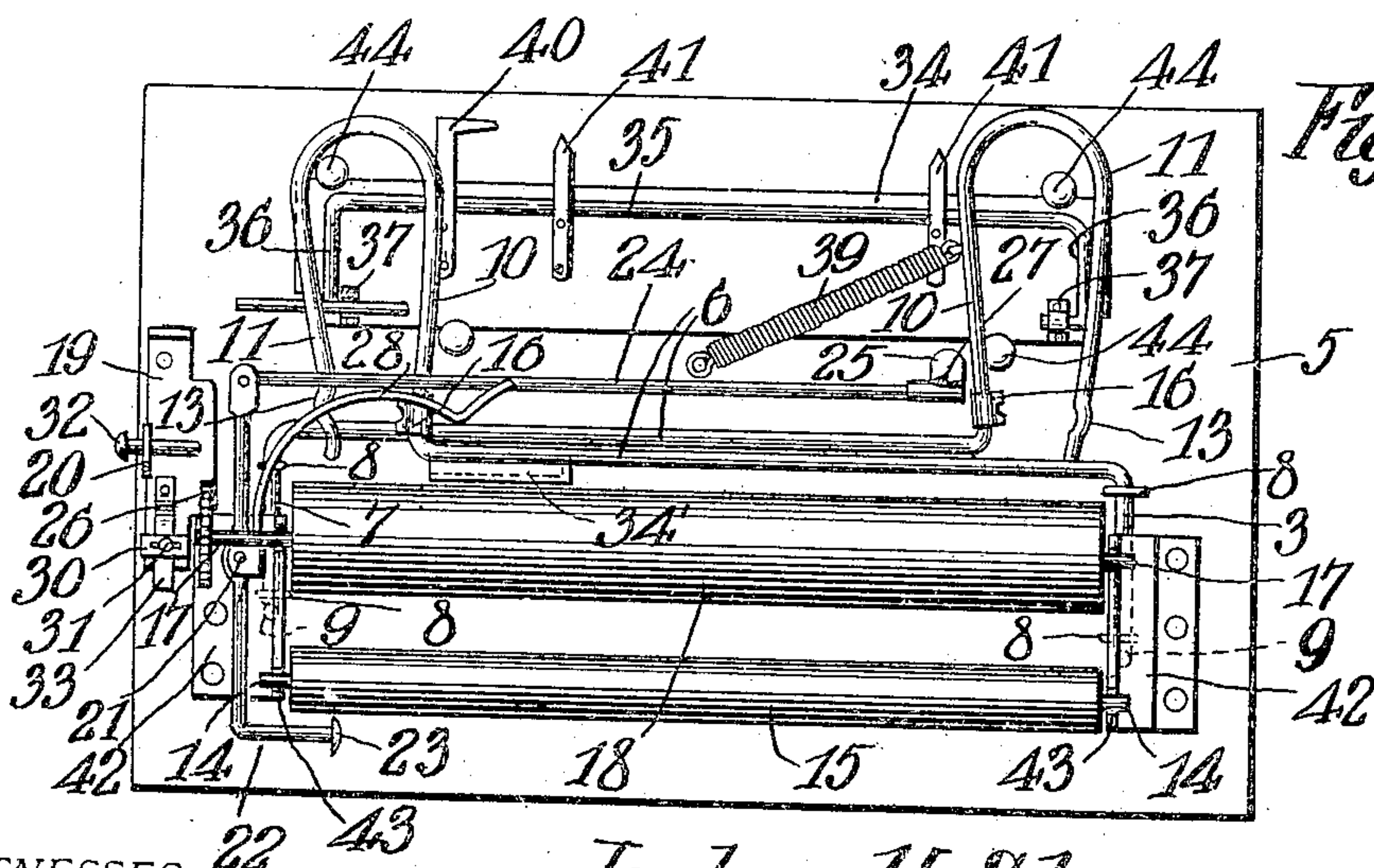


Fig. 2.

WITNESSES:

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COPY-HOLDER.

No. 838,590.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOSHUA H. SHARP, a citizen of the United States, residing at Fort Worth, in the county of Tarrant and State of Texas, have invented a new and useful Copy-Holder, of which the following is a specification.

This invention relates to copy-holders, and has for its object to provide a comparatively simple and inexpensive device of this character for holding a manuscript in plain view so that it may be conveniently read.

A further object of the invention is to provide means for feeding the manuscript through the device so as to bring the lines successively into view and means for indicating the line from which the copying is being done.

A further object of the invention is to generally improve this class of devices so as to increase their utility, durability, and efficiency.

With these and other objects in view the invention consists in the construction and novel combination and arrangement of parts herein-after fully described, and illustrated in the accompanying drawings, it being understood that various changes in form, proportions, and minor details of construction may be resorted to within the scope of the appended claims.

In the accompanying drawings, forming a part of this specification, Figure 1 is a perspective view of a copy-holder constructed in accordance with my invention, showing the same in operative position. Fig. 2 is a top plan view of the holder knocked down and ready to be placed in the shipping-case.

Similar numerals of reference indicate corresponding parts in both figures of the drawings.

The improved device comprises a suitable base or support 5, provided with spaced uprights or standards 6, the lower ends of which are provided with angularly-disposed arms 7, mounted for pivoted movement in suitable eyes or loops 8, secured to the base 5, whereby the standards may be folded downwardly on said base to facilitate transportation or shipment.

The arms 7 are provided with lateral extensions 9, which bear against the base 5 and assist in retaining the uprights in vertical position. The upper ends of the uprights 6 are bent laterally to form supporting-brackets 10, having terminal rebent spring-arms 11, that

overhang said bracket and are provided with terminal notches or bearings 13 for the reception of the journals 14 of a feed-roller 15. The brackets 10 are provided with bearings 16, adapted to receive the journals 17 of a lower feed-roller 18, the upper and lower feed-rollers being held in frictional contact with each other by the spring action of the terminal arms 11 of the supporting-brackets. Secured to the base 5, at one end thereof, is a plate 19, provided with a vertically-disposed finger 20, on which is pivotally mounted at 21 a trip-lever 22, the free end of which is provided with a terminal finger-piece 23. Secured to one end of the trip-lever 22 is a push-rod 24, the upper end of which is provided with spaced arms 25, which embrace a ratchet wheel 26, secured to the adjacent journal of the lower feed-roller 18, said push-rod being provided with a tooth 27, adapted to engage the teeth on the ratchet-wheel for rotating the roller 18, thereby to feed the paper or manuscript through said roller.

As a means for yieldably supporting the tooth 27 in engagement with the teeth on the ratchet-wheel 26 there is provided a spring 28, one end of which is secured to the pin 21, while the opposite end is bowed outwardly and provided with a terminal recess 29, adapted to receive the push-rod 24, thereby to yieldably support the push-rod in engagement with the ratchet-wheel.

The trip-lever 22 is guided in its upward movement by a keeper 30, in the closed end of which is threaded an adjusting-screw 31, which bears against the lever 22 and by means of which the throw of said lever may be adjusted, thereby to regulate the feed of the paper through the roller, and thus adapt the device to different spacing of type.

The finger 20 is reinforced by a screw or pin 32, which extends transversely through said finger and is bent downwardly in engagement with the plate 19, there being a leaf-spring 33 interposed between the plate 19 and the lever 22 for elevating the latter after the same has been depressed.

Located immediately below the roller 18 is a back section 34, the opposite ends of which are supported in suitable guides 34', formed in the inner faces of the standards. Extending transversely across the front of the back 34 is a rock-bar 35, which normally bears against the upper portion of the front side of

the back section. The opposite ends of this bar are provided with depending arms 36, which have their lower ends pivotally mounted in a suitable bearing 37, provided upon the back section and arranged so that the bar may be swung outwardly and downwardly. That end of the bar which is adjacent the operating-lever is provided with an upwardly and outwardly directed handle 38, that extends from the adjacent arm 36 and rotates about the journal of the arm. A coiled spring 39 has its opposite ends connected to the handle and the adjacent bracket 10, respectively, so as to normally and yieldably hold the rock-bar in its elevated position and against the front side of the back section.

Adjacent one end of the rock-bar there is provided an inverted substantially L-shaped pointer 40, which extends above the bar and is designed to indicate the line in which the copying is being done, said pointer being adjustable on the rock-bar and locked in adjusted position by a screw or similar fastening device, as shown. Slidably mounted on the rock-bar 35 are adjustable fingers 41 for determining approximately at about what point in the line the copy has been stopped. Secured to the base 5 are supporting-clips 42, having spaced recesses 43 formed in the upper edge thereof and adapted to receive the journals of the upper and lower feed-rollers when the holder is collapsed, as best shown in Fig. 2 of the drawings, there being suitable retaining devices, preferably in the form of headed pins 44, secured to the base 5 and adapted to engage the back section 34. It will thus be seen that by releasing the feed-rollers and back section the standards may be folded downwardly on the base 5, the feed-rollers being supported in the clips 42 and the back section by the headed pins 44, so that the base carrying the several parts comprising the holder may be introduced in the box or receptacle 46 for transportation or shipment.

In using the holder the sheet of paper from which the copying is being done is passed upwardly between the paper-folding rock-bar 35 and back section, the former being thrown outwardly, as indicated by dotted lines, so as to facilitate the placing of the paper. The upper edge of the sheet is introduced rearwardly between the feed-rollers. By this means the paper is held against the back section and in plain view, while its upper edge is held between the rollers. As each line is copied the finger-piece of the trip-lever is depressed, thereby rotating the rollers and feeding the sheet upwardly and rearwardly through or between the rollers, thus bringing the lines successively up to the pointer or indicator.

From the foregoing description it is thought that the construction and operation of the device will be readily understood by those

skilled in the art, and further description thereof is deemed unnecessary.

Having thus described the invention, what is claimed is—

1. In a copy-holder, the combination with a frame, of a back section carried thereby, feed-rollers mounted above the back section, a spring-actuated paper-holding bail having its opposite ends pivotally mounted upon the back, and a line-indicator carried by the bail.

2. In a copy-holder, the combination with opposite standards, of feed-rollers mounted at the upper ends thereof, a back located below the rollers and supported between the standards, a paper-holding bail having its opposite ends pivotally connected to the back, a handle carried by one end of the bail, and a spring for yieldably holding the bail against the back.

3. A knockdown copy-holder comprising a base, foldable standards pivotally mounted thereon, feed-rollers journaled in the standards, a spring-actuated paper-holding bail and means for rotating the rollers with a step-by-step movement.

4. In a knockdown copy-holder, the combination with a base, foldable standards pivotally mounted for lateral movement on the base, feed-rollers journaled in the standards, a paper-holding bail associated with the standards, an indicator slidably mounted on the bail, a ratchet-wheel carried by one of the feed-rollers, an operating-lever, and a push-rod pivoted to the operating-lever and engaging the teeth on the ratchet-wheel.

5. In a knockdown copy-holder, a base, foldable standards pivotally mounted on the base, feed-rollers journaled in the standards, a spring-actuating bail associated with the standards, and supporting-clips secured to the base and provided with recesses for the reception of the rollers when the holder is knocked down.

6. A knockdown copy-holder comprising a base, foldable standards pivotally mounted on the base, feed-rollers journaled in the standards, a detachable back section extending between the standards, a spring-actuated paper-holding bail carried by the back section, an operating-lever, a ratchet-wheel secured to one of the feed-rollers, a push-rod pivoted to the operating-lever and adapted to engage the ratchet-wheel for rotating the feed-rollers, supporting-clips secured to the base and adapted to receive the rollers when the copy-holder is knocked down, and headed pins secured to the base and adapted to engage the back section when the holder is collapsed.

7. In a knockdown copy-holder, a base, foldable standards pivotally mounted on the base and having their upper ends extended laterally to form horizontally-disposed brackets, the ends of which terminate in overhanging spring-arms, feed-rollers journaled in the

brackets and overhanging arms, respectively, a back section, a spring-actuated paper-holding bail carried by the back section, and means for rotating the feed-rollers with a step-by-step movement.

8. In a knockdown copy-holder, a base, foldable standards pivotally mounted on the base, feed-rollers journaled in said standards, a back section connecting the standards and detachably secured thereto, a ratchet-wheel carried by one of the feed-rollers, an operating-lever, a push-rod pivoted to one end of the operating-lever and engaging the teeth on the ratchet-wheel, and a spring for normally holding the push-rod in operative engagement with the ratchet-wheel.

9. A copy-holder comprising a base, standards secured to the base, feed-rollers journaled in the standards, a back section connecting the standards, a spring-actuated paper-holding bail carried by the back section, a ratchet-wheel secured to one of the feed-rollers, an operating-lever, a push-rod pivoted to one end of the actuating-lever and adapted to engage the teeth on the ratchet-wheel, and means for adjusting the operating-lever to vary the throw of the push-rod.

10. A copy-holder comprising a base, standards secured to the base, feed-rollers journaled in the standards, a back section connecting the standards, a spring-actuated paper-holding bail carried by the back section, a ratchet-wheel secured to one of the feed-rollers, an operating-lever, a push-rod pivoted to one end of the operating-lever and adapted to engage the teeth on the ratchet-

wheel, a guide embracing the opposite end of the operating-lever, a screw threaded in the guide and adapted to engage the operating-lever for regulating the throw of the push-rod, and a spring for yieldably supporting the push-rod in engagement with the ratchet-wheel.

11. A copy-holder comprising a base, standards secured thereto, rearwardly-directed brackets at the upper ends of the standards, overhanging spring-arms carried by the brackets, a feed-roller mounted upon the brackets, an upper feed-roller carried by the spring-arms and yieldably holding it in frictional engagement with the lower roller, a ratchet-wheel at one end of the lower roller, an operating-lever fulcrumed upon the base, a push-rod connected to the lever and engaging the toothed periphery of the ratchet-wheel, a back section supported by the standards and located immediately below the rollers, a spring-actuated paper-holding bail having its opposite ends pivotally connected to the front side of the back section, a handle at one end of the bail, a spring connecting the handle and adjacent bracket, a pointer slidably mounted on the bail, and indicating-fingers adjustable longitudinally of said bail.

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

JOSHUA H. SHARP.

Witnesses:

Mrs. F. S. HABERZETTLE,
A. HABERZETTLE.