

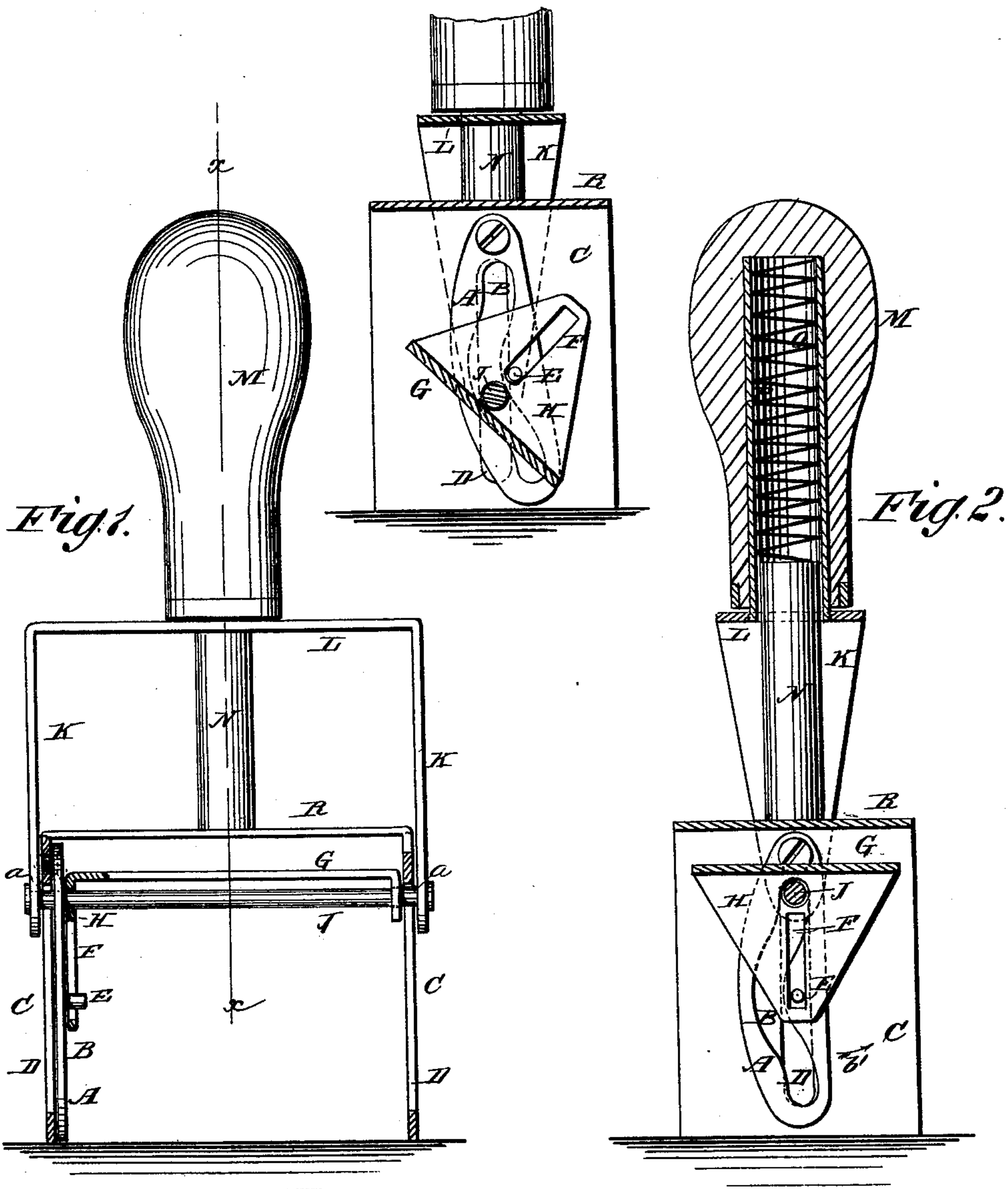
(Model.)

L. K. SCOTFORD.
Hand Stamp.

No. 233,285.

Patented Oct. 12, 1880.

Fig 3.



WITNESSES:

Francis McArdle.
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INVENTOR:

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UNITED STATES PATENT OFFICE.

LOUIS K. SCOTFORD, OF KANSAS CITY, MISSOURI, ASSIGNOR TO HIMSELF
AND RYLAND M. SCOTFORD, OF SAME PLACE.

HAND-STAMP.

SPECIFICATION forming part of Letters Patent No. 233,285, dated October 12, 1880.

Application filed May 26, 1880. (Model.)

To all whom it may concern:

Be it known that I, LOUIS K. SCOTFORD, of Kansas City, in the county of Jackson and State of Missouri, have invented a new and Improved Self-Inking Hand-Stamp, of which the following is a specification.

The object of my invention is to provide a new and improved self-inking stamp, which is simple in construction and operation, and is convenient and effective in use.

The invention consists in a self-inking hand-stamp having a plate with a longitudinal segmental or symmetrically-curved slot pivoted to one or both of the standards, which pivoted slotted plate is provided with a stud passing into a vertical slot in the end flange of the die-plate. The shaft of the die-plate passes through the flange of the same, through the curved slot of the pivoted plate, and through the slot in the standard, and is then secured to the uprights of the spring-handle, whereby the die is pressed against the ink-pad when the handle is raised, and is oscillated by depressing the handle.

In the accompanying drawings, Figure 1 is a front elevation of my improved self-inking hand-stamp, showing parts in section. Fig. 2 is a cross-sectional elevation of the same on the line *x x*, Fig. 1, showing the die and handle raised. Fig. 3 is a cross-sectional elevation on the same line, showing the manner in which the die-plate is oscillated.

Similar letters of reference indicate corresponding parts.

A plate, A, provided with a longitudinal slot, B, which is in the form of a symmetrical curve or of a segment terminating in vertical lines, is pivoted at one end to the standard C, provided with a vertical slot, D, of a hand-stamp. A stud, E, is attached to the pivoted plate A on a line with the centers of the ends of the slot B, and passes through a slot, F, at right angles to the die-plate G in the flange H of the said die-plate. A shaft, J, passes through the flanges of the die-plate, through the slot B of the plate A, through the slots in the standards, and is secured to the lower ends of the uprights K K, connected above by a transverse bar, L, attached to the handle M.

A guide-rod, N, is attached to the upper side of the transverse bar R of the standards C C, and passes into a recess, O, containing a spiral spring, P, in the handle M. A slotted pivoted plate may be attached to one or both standards, as may be desired.

The operation is as follows: If the handle is raised, as shown in Figs. 1 and 2, the printing-surface of the die-plate will rest against an ink cushion or pad attached to the under side of the transverse plate R of the standards, and will receive sufficient ink for one impression. If the handle is depressed, the part *a* of the shaft J will press against the rounded part of the sides of the slot B, and as the shaft cannot give way, as it is guided by the vertical slot D in the standard C, the plate A is pushed to the side, as indicated by the arrow *b'*, and as the stud E of the plate A passes through the slot F of the flange H of the die-plate, the flange must necessarily move in the same direction; but if the die-plate G descends, and its flange is moved sidewise, it must necessarily rotate on its shaft J. But as soon as the die-plate is vertical the part *a* of the shaft presses against the other side of the slot B, and the plate A moves back again, and the die-plate is completely oscillated, so that its inked surface can come in contact with the paper and make the desired impression. As soon as the handle M is released the spring P forces it upward, and the movements just described take place in the inverse order, the die-plate resting against the ink-pad ready for the next impression.

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

1. A self-inking hand-stamp constructed, substantially as herein shown and described, with a pivoted plate, A, provided with a symmetrically-curved longitudinal slot, B, and a stud, E, which passes into a slot in the flange of the die-plate, as set forth.

2. In a self-inking hand-stamp, the combination, with the slotted standards C and the plate A, provided with a symmetrically-curved slot and a stud, E, of the plate G, provided with slotted flange H, substantially as herein

shown and described, and for the purpose set forth.

3. In a self-inking hand-stamp, the combination, with the slotted standards C C, of the
5 uprights K K, shaft J, die-plate G, provided with slotted flanges H, and of the pivoted plate A, provided with a symmetrically-curved

slot, B, and stud E, substantially as herein shown and described, and for the purpose set forth.

LOUIS KOSSOUTH SCOTFORD.

Witnesses:

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