

(No Model.)

L. K. SCOTFORD.

HAND STAMP.

No. 284,243.

Patented Sept. 4, 1883.

Fig. 1.

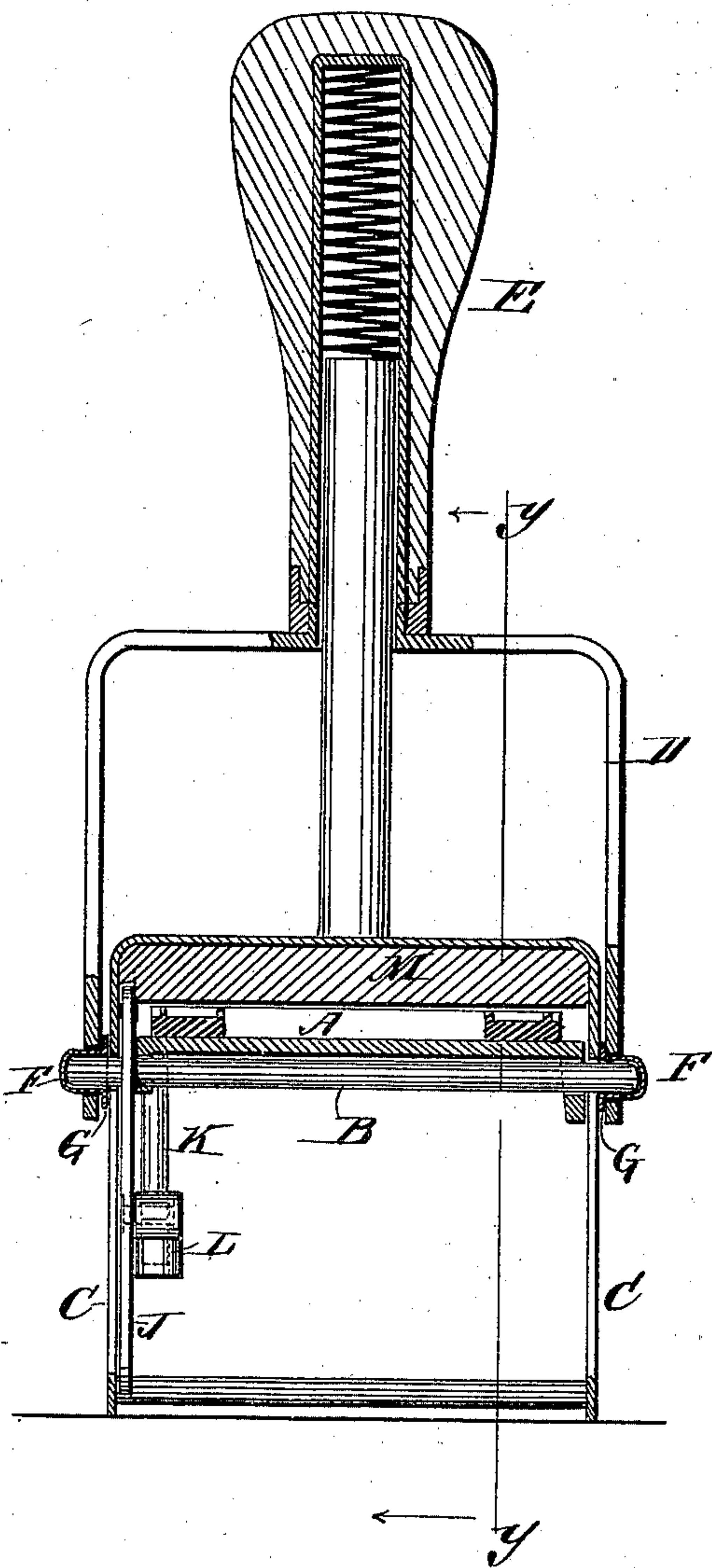
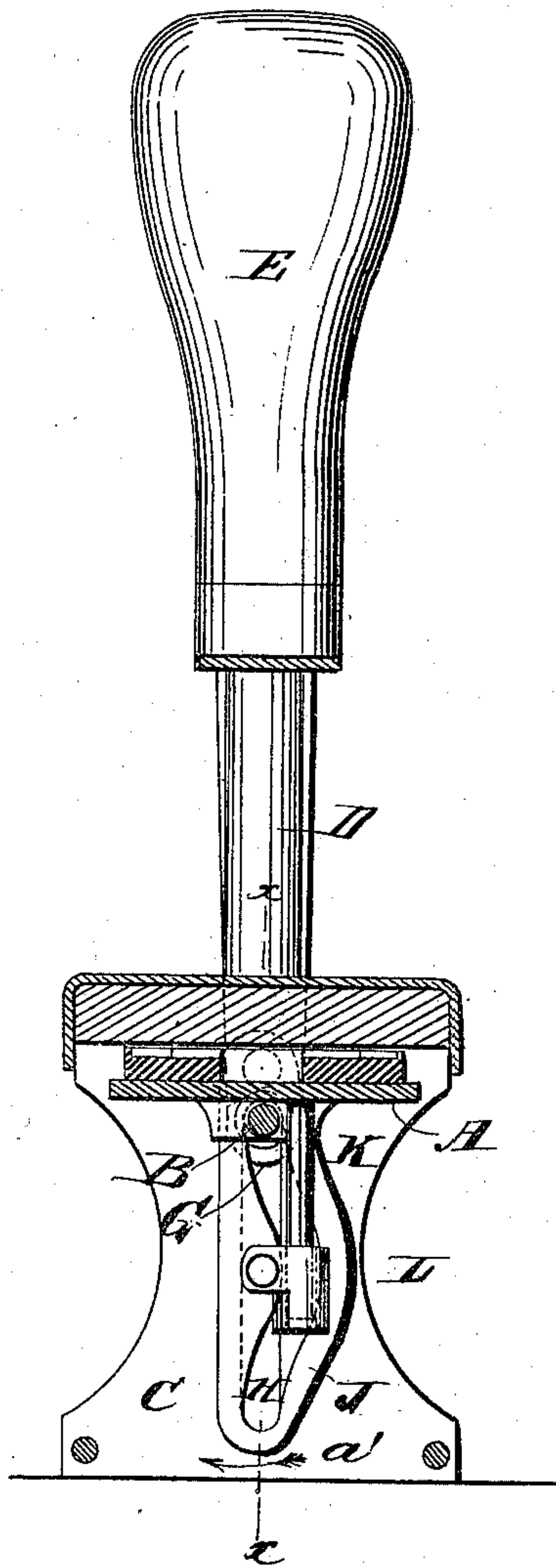


Fig. 2.



WITNESSES:

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HAND-STAMP.

SPECIFICATION forming part of Letters Patent No. 284,243, dated September 4, 1883.

Application filed January 2, 1883. (No model.)

To all whom it may concern:

Be it known that I, LOUIS K. SCOTFORD, of the city, county, and State of New York, have invented a new and Improved Hand-Stamp, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved self-inking hand-stamp which operates easily and without jarring.

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 vertical longitudinal sectional elevation of my improved self-inking hand-stamp on the line *xx*, Fig. 2. Fig. 2 is a vertical cross-sectional elevation of the same on the line *yy*, Fig. 1.

The die-plate A is mounted to turn on a shaft, B, the ends of which pass through vertical slots in the end standards, C. The fork D, attached to the handle E, is provided with an aperture in the end of each shank, and into each aperture a cap, F, having an annular flange, G, is placed in such a manner that the flange is between the outer surface of the standard C and the inner surface of the shank of the fork. The ends of the shaft B are passed into the caps F, as shown. One end of the shaft B also passes through the symmetrically-curved longitudinal slot H in plate J, pivoted to the upper end of the inner surface of one of the end standards, C. An arm or rod, K, projects rectangularly from the bottom of the plate A, at the end adjoining the plate J, and passes through a short guide-cylinder or piece of tubing, L, pivoted to rotate or turn in a vertical plane to the plate J, at the middle of the same. The tube L can be replaced by any other suitable guide pivoted to the plate J. The handle is provided with a spring, which presses the printing-surface of the die-plate against the inking-cushion M, held in the frame in the usual manner. If the handle is depressed, the shaft B strikes against the edge of the curved slot H on the plate J, and swings the said plate in the direction of the arrow *a'*, Fig. 2. The guide L will be moved in a like direction, and will be inclined to the under surface of the die-plate; and as the die-plate continues to descend the said inclination

will gradually be increased until the guide L is in a horizontal position and is finally inverted. As the rod or arm K passes through the guide L it moves with said guide and turns the plate A, which is free to turn on its shaft B. The plate A will be inverted, so that the printing-surface will be downward before the impression is made. The spring in the handle draws the plate A upward, and the same is turned again, so that the printing-surface will come in contact with the inking-cushion. The die-plate is thus inked automatically. The guide L gives the plate A an easy movement, and prevents all clicking and clashing of parts. As the ends of the shaft B are held in the caps F, the shaft is prevented from working itself loose and creeping out of the ends of the forks. The caps also simplify the construction and the mounting of the stamp.

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 die-plate, having a downwardly-projecting arm passing through a guide pivoted to a plate pivoted to one of the end standards of the frame, and provided with a symmetrically-curved longitudinal slot, as set forth.

2. In a self-inking hand-stamp, the combination, with the standard C, the die-plate A, and the shaft B, of the arm K, projecting from the under surface of the die-plate, the plate J, pivoted to one standard, C, and provided with a symmetrically-curved longitudinal slot, H, and of the guide L, pivoted to the plate J, through which guide the arm K passes, substantially as herein shown and described, and for the purpose set forth.

3. In a hand-stamp, the combination, with the slotted standards C, of the shaft B, the die-plate A, the fork D, and the caps F, held on the ends of the shanks of the fork, substantially as herein shown and described, and for the purpose set forth.

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Witnesses:

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