2 Sheets—Sheet 1.

W. W. EATON.
Perforating-Stamp.

No. 196,647. Patented Oct. 30, 1877.

Fig. 1.

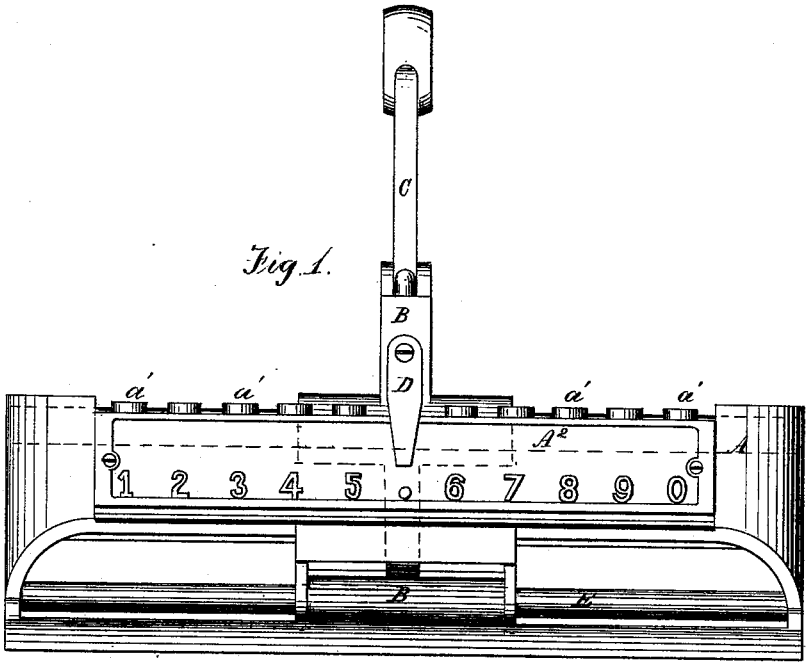
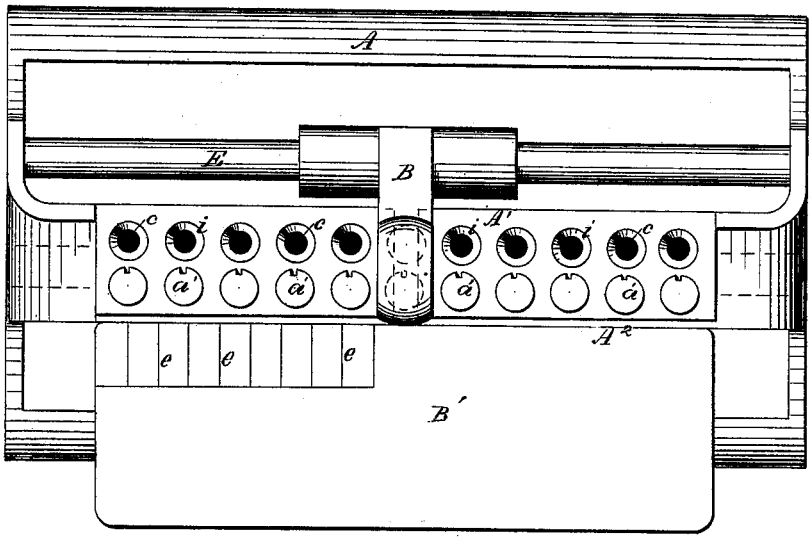


Fig. 2.



Witnesses
Allen Tenny.
William S. Congdon

Inventor
William W. Eaton

2 Sheets—Sheet 2

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Fig. 3

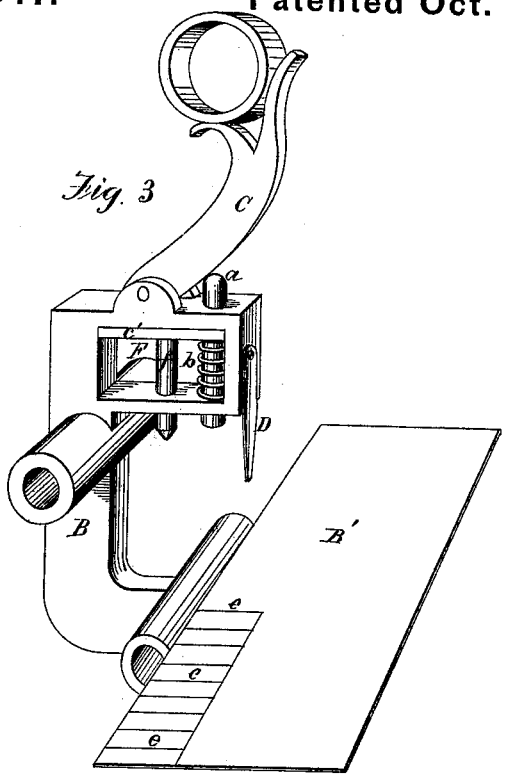
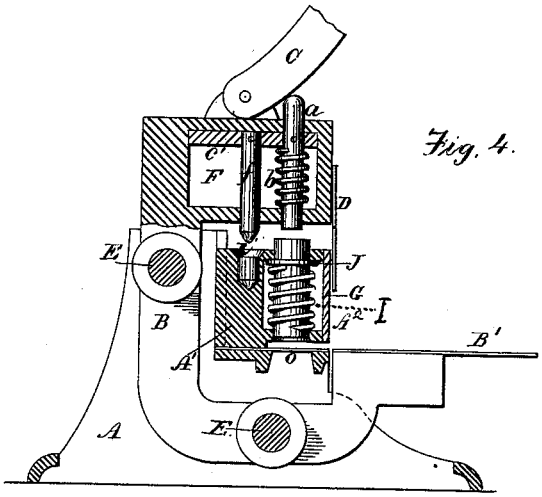


Fig. 4.



Witnesses

Allen Tenny,
William S. Congdon

Inventor

William W. Eaton

UNITED STATES PATENT OFFICE.

WILLIAM W. EATON, OF NORWICH, CONNECTICUT.

IMPROVEMENT IN PERFORATING-STAMPS.

Specification forming part of Letters Patent No. **196,647**, dated October 30, 1877; application filed March 13, 1877.

To all whom it may concern:

Be it known that I, WILLIAM W. EATON, of Norwich, county of New London and State of Connecticut, have invented certain new and useful Improvements in Perforating-Stamps, which improvements are fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a front elevation; Fig. 2, a plan view; Fig. 3, a perspective view of sliding head; Fig. 4, a partly sectional end view.

My invention relates to improvements in that class of check-punches in which the figures or characters representing the amount of the money-check are cut bodily from the paper, to prevent the possibility of changing the face of the check to some different amount; and it consists, first, in the employment of a numerically-indexed stationary head, in which are contained the figures or characters represented on the index-plate, and which are forced, each separately, by means of a lever and plunger attached to the sliding head, through correspondingly-formed female dies and the money-check, thus cutting from the latter the amount desired to be shown on the face of the check.

In the accompanying drawings, A is the body of check-punch. B is a sliding head that moves horizontally on two rods, E E, and attached to said sliding head are the lever C, pointer D, a vertically-sliding bar, *c'*, and attached to and moving with said bar are the plunger *a* and guide-pin *f*, the above moving vertically in a recess, F, situated in the upper part of sliding head. Said plunger *a* and guide-pin *f* pass through perforations in sliding head above and below the recess F. Said plunger *a*, guide-pin *f*, and vertically-sliding bar *c'* are retained in their places by means of the tension of a coiled spring, *b*, surrounding the plunger *a*, the upper coil of said spring bearing against the lower face of the vertically-sliding bar *c'*, and the lower ends of said springs bearing against the lower face of recess F, and attached to and moving with the sliding head *c'*. A table, B', is provided with graduation-lines *e e*. A^1 is a stationary head attached to upper face of the body A, the outer face of which is provided with a recess, G, in which are situated eleven plungers, *a' a'*, sliding vertically through perforations in the stationary head above and below the recess G. On the lower ends of said plungers are cut or fixed male dies or cutters, preferably of steel, of the form of the nine numerals, zero, and a round projection, or any other character that may be desired would answer as well. I are coiled springs surrounding the plungers *a' a'*, the upper parts of which bear against pins J. Said pins pass through and project out from two side faces of the plungers *a' a'*, the lower ends of said springs bearing against the lower faces of recess G, the tension of said springs thus raising the plungers *a' a'*, so that the face of the male dies will come flush with the lower face of stationary head A^1 after they have been depressed to punch the paper or other material. O is a plate, made preferably of steel, and attached to the lower face of stationary head A^1, and provided with female dies to correspond with male dies that pass through them. A^2 is an index-plate attached to outer face of stationary head A^1, on the face of which are figures or characters so arranged as to correspond with the male and female dies. *c c* are perforations in upper face of the stationary head A^1, with the upper end of the same countersunk, as represented in *i i*, and are so made as to come in rear and in line of perforation for plunger *a' a'* from front face of stationary head to back of the same.

The operation of punching the amount desired to be shown on the face of the check or paper is as follows, viz: The check being first placed on the table B', so that the left-hand edge of said check will come in line with the first right-hand graduation-line, the check being held to table by the left hand, the right hand at the same time being placed on the lever and sliding heads, said sliding head is moved either to the right or left, and stopped for the purpose of punching any desired figure or character, when said figure or character on the index-plate is covered by the pointer D. The lever C is then depressed, forcing down the vertically-sliding bar *c'*, plunger *a*, and the guide-pin *f*. The point of the guide-pin extends below the lower face of the plunger *a*. The object of this is to bring the sliding head in its proper position before the plunger *a* can strike any of the plungers *a' a'*, so that the

male die cannot touch the check until the sliding head is in its proper position. Said point of guide-pin *f* first strikes on the incline of countersink *i i*—that is, if the guide-pin is not directly over the perforations *c c*, and these more readily let the guide-pin *f* into the perforations *c c*—and at the same time bring the sliding head into its proper position, and hold it there until the figure or character is punched. After the first figure or character is punched the check is again moved from the first graduation-line to the next preceding it to the left, and so on in succession until the amount to be shown on the face of the check is punched.

The above operation will so space the figure or character as to show an equal distance between the same on the face of the check or paper.

What I claim as my invention, and desire to secure by Letters Patent, is—

The sliding head B, provided with a lever, C, vertically-sliding bar *c'*, plunger *a*, guide-pin *f*, and graduated table B', in combination with the stationary head A^1, provided with plungers *a' a'*, perforations *c c*, and countersink *i i*, the whole substantially as described, and for the purpose set forth.

WILLIAM W. EATON.

Witnesses:
ALLEN TENNY,
WILLIAM S. CONGDON.