

R. A. STEWART.
TICKET PRINTING MACHINE.

Patented Dec. 2, 1890.

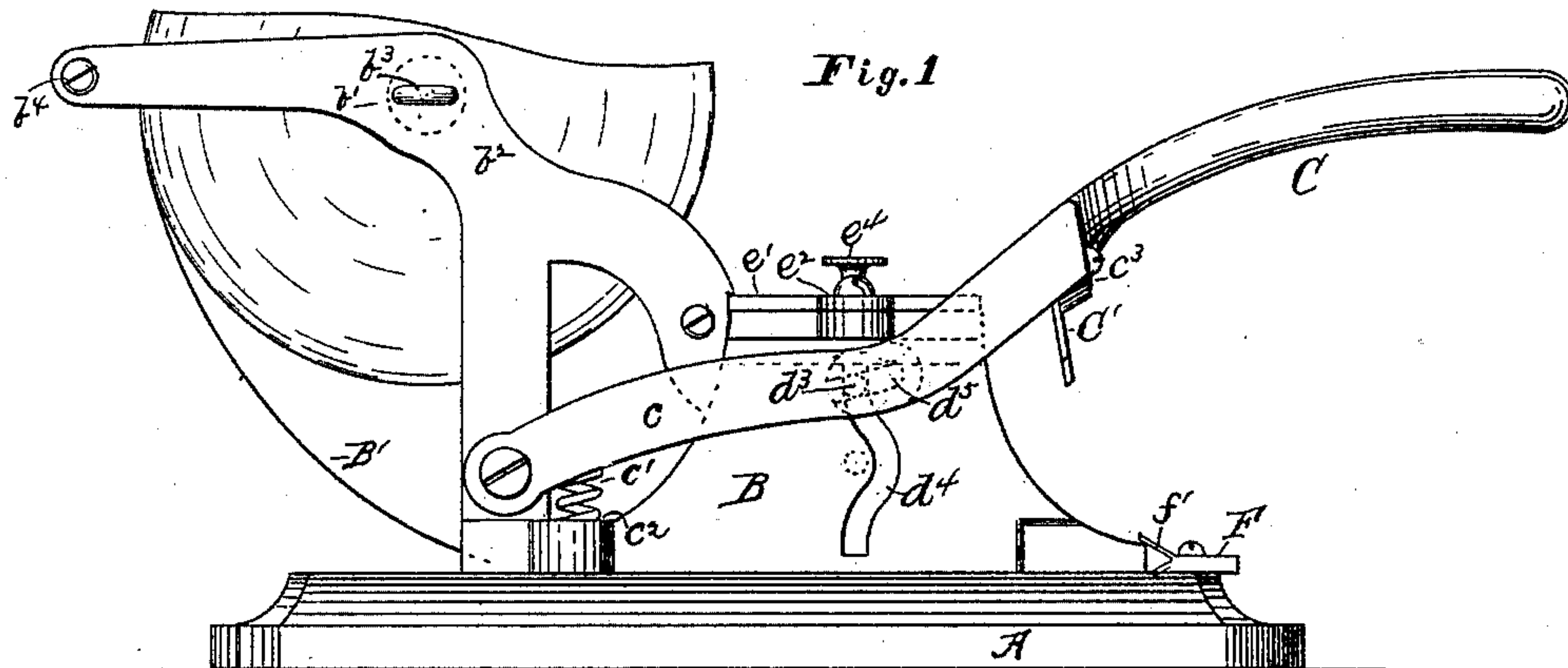


Fig. 3

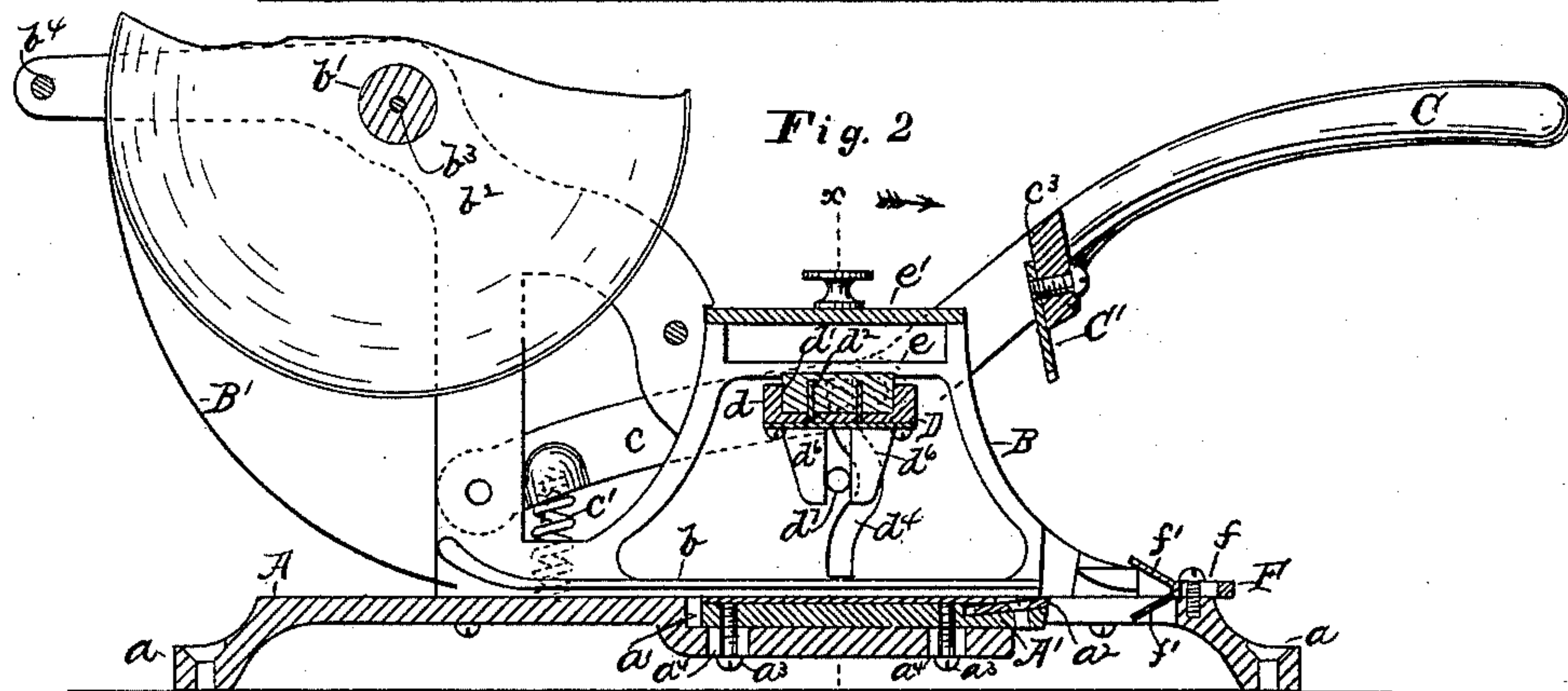
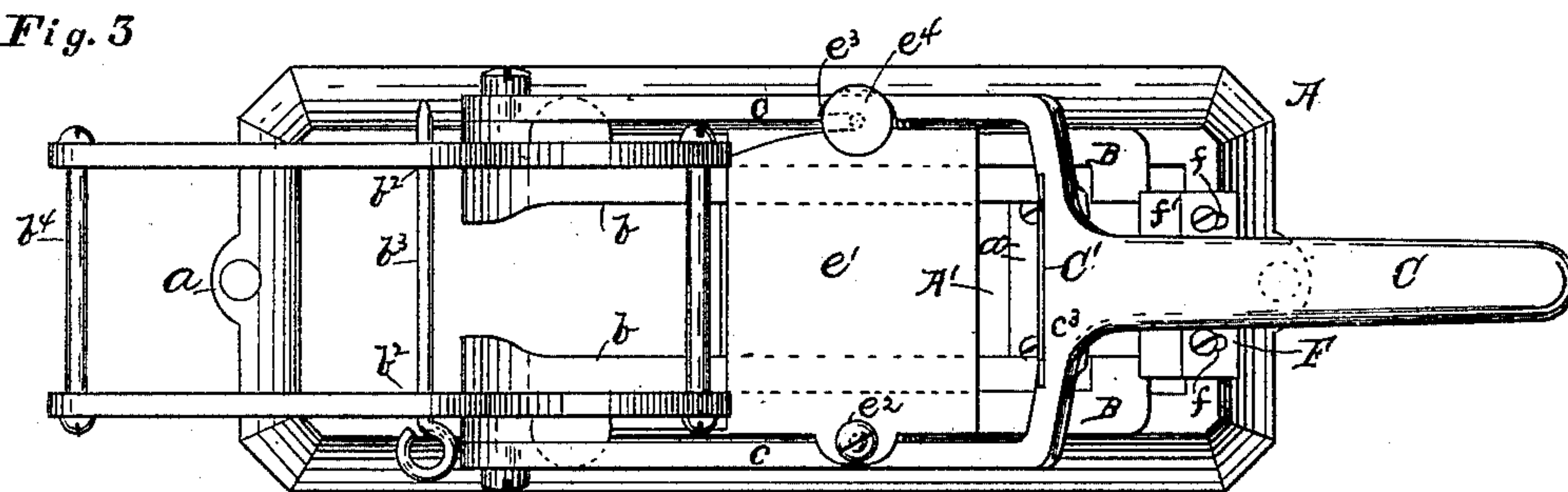


Fig. 4

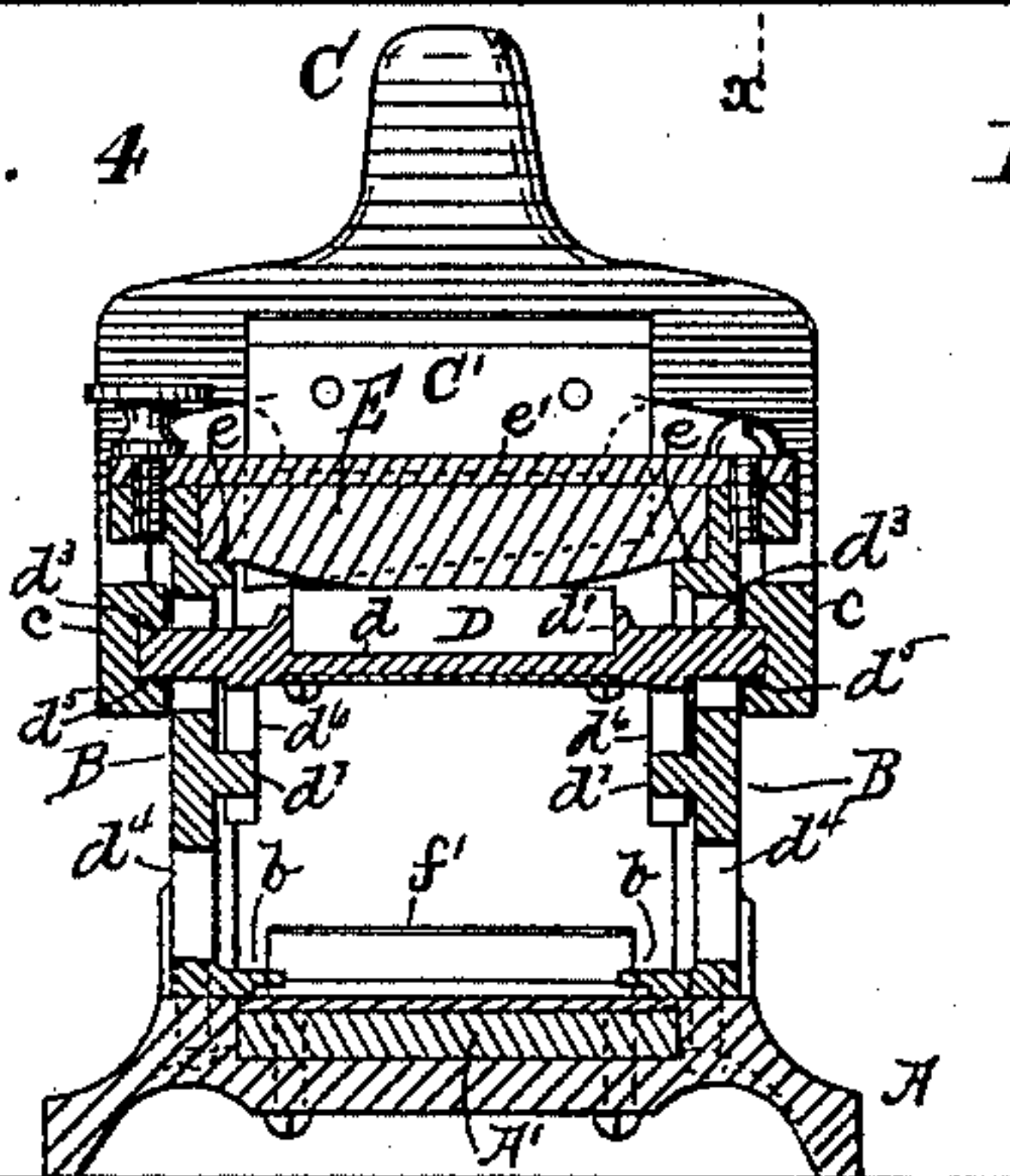


Fig. 5

Lot	3555
Size	39
Price	

WITNESS:
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ROBERT A. STEWART, OF NEW YORK, N. Y.

TICKET-PRINTING MACHINE.

SPECIFICATION forming part of Letters Patent No. 441,779, dated December 2, 1890.

Application filed February 25, 1890. Serial No. 341,747. (No model.)

To all whom it may concern:

Be it known that I, ROBERT A. STEWART, of New York, county and State of New York, have invented a certain new and useful Improvement in Ticket-Printing Machines, of which the following is a specification.

This machine is intended more particularly for printing or stamping "lot-tickets," used for designating the size, &c., of garments.

I will describe a printing-machine embodying my improvement, and point out the novel features in claims.

In the drawings, Figure 1 is a side elevation of a machine embodying my improvement. Fig. 2 is a longitudinal vertical section thereof. Fig. 3 is a top plan view with the ticket-strip roll removed. Fig. 4 is a transverse section on the line $x x$ of Fig. 2, and Fig. 5 shows a ticket as stamped by the machine.

Similar letters of reference indicate like parts in all the figures of the drawings.

Referring by letter to the drawings, A designates a base-plate, provided with perforated lugs a , through which screws may pass to secure the device to a table. The base-plate has a depression a' in its upper surface, within which is seated a platen A' . This platen has a knife-edged plate a^2 removably secured to its end in such manner that the plate a^2 has a slightly-upward inclination. Screws a^3 pass through elongated openings a^4 into the platen, so that the plate may be adjusted to bring the plate a^2 in line with a ticket-cutter hereinafter described. The screws a^3 also serve to hold the platen and knife-edged plate firmly as adjusted. The platen may have a yielding surface, such as rubber, if desired.

B designates side frames, which may be cast integral with the base-plate, or they may be secured thereon in any desired manner. I have shown the side frames as secured to the base-plate by means of screws. Inwardly-extending flanges b on the side frames form guides for the ticket-strip B' , which passes between these flanges and base-plate when pushed forward to be printed and cut. At the rear end the guide-flanges are turned upward to facilitate the entrance of the ticket-strip. The ticket-strip is wound and loosely mounted on a roller b' between upwardly-extending portions b^2 of the side frames. The

roller b' is perforated longitudinally, and a rod b^3 , having bearings in the portions b^2 , passes through the perforation. The rod b^3 may be drawn out when it is desired to place a new ticket-strip roll on the roller. The side frames are extended rearwardly, and a bar b^4 between the ends limits the expansion of the roll.

C is a hand-lever for operating the printing-bed and cutter. It is shown as bifurcated or provided with arms c , pivoted at the ends to the outer sides of the side frames. Springs c' return the lever to its normal or upward position after a ticket shall have been printed. I have here shown coiled springs c' for this purpose, having one end seated in recesses c^2 in the side frames and the other end bearing against the arm c or recessed projections therefrom.

A cutter C' is removably secured to a cross-bar c^3 of the lever C. The cutter C' is preferably a flat strip of hardened steel, and has its cutting-edge beveled downwardly and rearwardly and inclined from one end to the other.

D designates a reversible printing-bed, consisting of a plate d , having a recess d' in its face for the insertion of removable type. Ribs d^2 separate the lines of type. Lugs d^3 extend from the printing-bed through curved slots d^4 in the side frames, and enter elongated bearings d^5 in the arms c , as shown in dotted line in Fig. 1. Pairs of arms d^6 extend downwardly from each end of the bed D, and lugs d^7 on the side frames about midway of the curved slots d^4 extend between the pairs of arms d^6 . The normal position of the printing-bed is with its type against the under side of the inking-pad E. When the hand-lever is depressed the bed will be forced downward and reversed by the action of the arms d^6 against the lugs d^7 to bring the type against the material to be printed.

The inking-pad E is preferably removable to facilitate re-inking, and I have therefore provided ribs e on the inner side of the side frames upon which the ends of the pad rest. The pad is secured in place by a cover e' , which is here shown as swinging horizontally on pivot-screws e^2 , and provided at one end with a hook e^3 , which embraces the shank of a set-screw e^4 .

F is an adjustable stop to limit the forward movement of the ticket-strip. This stop is secured to the base-plate by means of screws passing through slots *f* into tapped holes in the base-plate. The stop has inclined guide-surfaces *f'* to direct the end of the ticket-strip against the stop.

In operation the ticket-strip is fed by hand beneath the flanges *b* until the end strikes against the stop. Then the lever is depressed to print a ticket, and by this same movement of the lever the cutter severs the blank end of the strip. The strip is again pushed forward to print a second ticket, and the ticket first printed is cut off and drops through an opening in the base-plate. Of course this operation is repeated as often as desired.

This machine is simple in its construction and operation, and by it a merchant is enabled to prepare his own lot-tickets.

It is evident that the device may be used for printing tickets for purposes other than that specified, and that the size of the tickets may be varied.

Having described my invention, what I claim is—

1. The combination, with a base and side frames, of an adjustable platen on the base, a knife-edged plate on the platen, a hand-le-

ver, a printing-bed operated by the lever, and a cutter on the lever, substantially as specified.

2. The combination, with a base-plate and side frames adapted to receive a ticket-strip roll, of a lever pivoted to the side frames, a reversible printing-bed having lugs extended through curved slots in the side frames into elongated bearings in the lever, pairs of arms extending from the bed-lugs on the side frames projecting between the arms, and a cutter on the lever, substantially as specified.

3. The combination, with a base-plate and side frames, of a lever operating a printing-bed and a cutter, an adjustable platen on the base-plate having a knife-edged plate thereon, guides for a strip to be printed, and a stop therefor, substantially as specified.

4. The combination, with a base and side frames, of a pivoted lever operating a printing-bed and a cutter, a removable inking-pad having its ends resting on ribs extending from the side frames, and a movable cover for securing the pad in place, substantially as specified.

ROBERT A. STEWART.

Witnesses:

EUGENE HOLIHAN,
SAMUEL J. KENDRICK.