# L. J. BLADES.

## Ticket Stamps.

No. 165,702 Patented July 20, 1875.

Fig. 1.

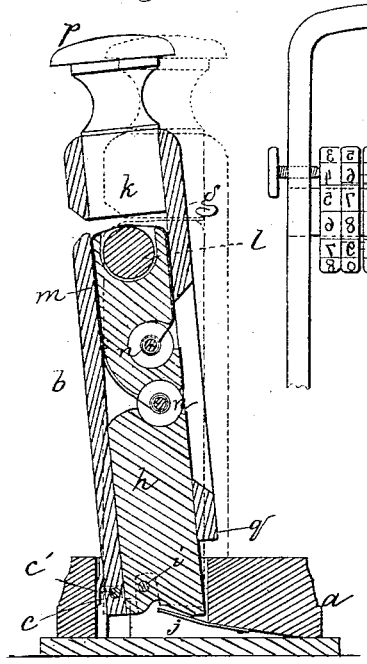



Fig. 3.

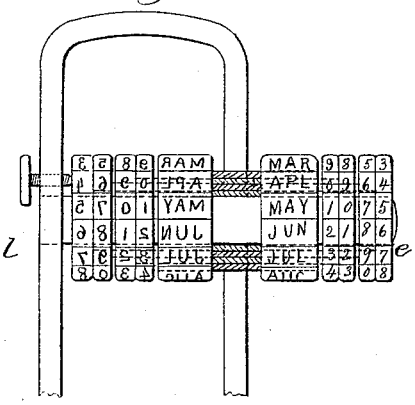
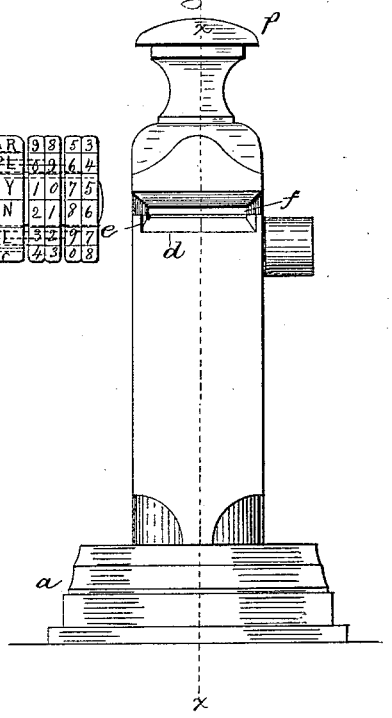



Fig. 2.




Witnesses.
S. W. Kidder
W. J. Pratt

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Leonard J Blades
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# UNITED STATES PATENT OFFICE.

LEONARD J. BLADES, OF BOSTON, MASSACHUSETTS.

## IMPROVEMENT IN TICKET-STAMPS.

Specification forming part of Letters Patent No. **165,702**, dated July 20, 1875; application filed June 9, 1875.

*To all whom it may concern:*

Be it known that I, LEONARD J. BLADES, of Boston, in the county of Suffolk and State of Massachusetts, have invented an Improved Ticket-Stamp, of which the following is a specification:

This invention relates to improvements in stamps for use in railroad and other offices; and consists in a combined tipping or pressure and hand-stamp for dating both coupon and local tickets; also, in the combination, with a strike and pressure stamp, of a guide for local tickets and for coupon tickets, whereby either can be readily canceled by the same stamp.

Figure 1 represents a vertical section of the stamp on lines *x x*, Fig. 2. Fig. 2 represents a front view of the stamp, and Fig. 3 a partial section representing the devices for changing dates.

In the drawing, *a* is the base of the stamp and *b* the frame, of suitable shape, size, and material. The frame *b* has pivots or journals *c*, which are borne up against bearings *c'* in the base *a*, and the frame is, preferably, made in the form represented in the drawing, and has an opening, *d*, in its face, with side guides *e* for the insertion of stiff local tickets. At right angles to this local opening, *e*, is a slot, *f*, for the admission of a thin coupon ticket, the tops of the guides *e*, serving as a support for the coupon, its edge being guided by the back *g* of the case. The bed-plate *h* of the stamp is pivoted to the base *a* at *i*, and at a point in advance of the pivot of the frame *b*, and the bed-plate is incased within the exterior frame *b*. The lower end of the bed-plate rests against a spring, *j*, the tendency of which is to throw it and the frame into the position shown in full lines, Fig. 1, and in such position the bed-plate is so placed with relation to the platen *k* that the ticket-receiving openings *d f* are free to receive tickets. This spring *j* also holds journals *c* up against bearings *c'*. The types to be used are placed on the roller *l*, over which passes a ribbon, *m*, passing from rollers *n* and operating in connection with inking apparatus in a well-known manner. Instead of the roller for printing, I may use type and inking apparatus in any other well-known way. In Fig. 3 I show the method I prefer to employ when I use a roller. The main axle *o* carries at each end a wheel provided with figures. About this axle is a second tubular axle, having at each end a wheel resting next the wheels on axle *o*, and in this way, with four tubular axles, it is possible to stamp the months, and any combination of four figures which will give the day of the month and the year. The wheels outside are the same as those inside the frame, except that the characters are reversed, and by the outer wheels the inner ones may be readily adjusted.

Assuming the stamp is in its normal position, and as in full lines, Fig. 1, if it is desired to stamp a local ticket, the same is inserted in the flaring mouth or opening *d*, and by the action of the stiff ticket on the back of the frame, or by pressure of the hand or finger against the side of the frame *b*, the stamp is tipped or rocked to the position in dotted lines, the motion of the stamp and action of the spring *j* acting to cause the frame and bed-plate *h* to move with relation to each other, and to cause the type-wheel or other printing-surface to approach the platen *k*, which action makes the desired impression on the ticket. If it is desired to stamp a coupon ticket made of thin paper, composed of a number of connected tickets, the side of the strip of tickets is introduced into the opening *f*, and the hand is struck on the hand-knob or projection *p*, over the platen *k*, and at the top of the frame, the blow so struck causing the frame *b* to descend against the action of the spring, the journals *c* leaving their bearings *c'*, against which they are pressed from below, and the platen then approaches the type carried by the bed-plate, and makes the desired mark. A lug, *q*, prevents the frame from turning too far back.

I do not desire to limit this invention to the use of the particular spring *j*, shown, or to the particular construction of the stamp-frame and bed and platen, whereby the stamp is adapted to rock or tilt, or to move by a downward blow, as an ordinary hand-stamp, for the construction may be departed from without departing from my invention. The stamp acts as a hand-

stamp when struck by the hand on the handle *p*, and then the frame slides or moves longitudinally, and as a tipping stamp when pushed at the side. Instead of printing with ink, I may use type to preforate the letters and dates.

I claim—

1. A stamp slotted to receive the tickets as set forth and arranged, to print when tipped, and to operate also as a strike-stamp, substantially as set forth.

2. The frame of the combined strike and pressure stamp provided with the opening *d*, having side guides, and with an opening, *f*, adapted to receive both local and coupon tickets to be canceled, substantially as described.

3. In a hand-stamp a pivoted frame, and a bed or carrier for the type, combined with a hand-strike and platen, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

LEONARD J. BLADES.

Witnesses:
G. W. GREGORY,
S. B. KIDDER.