

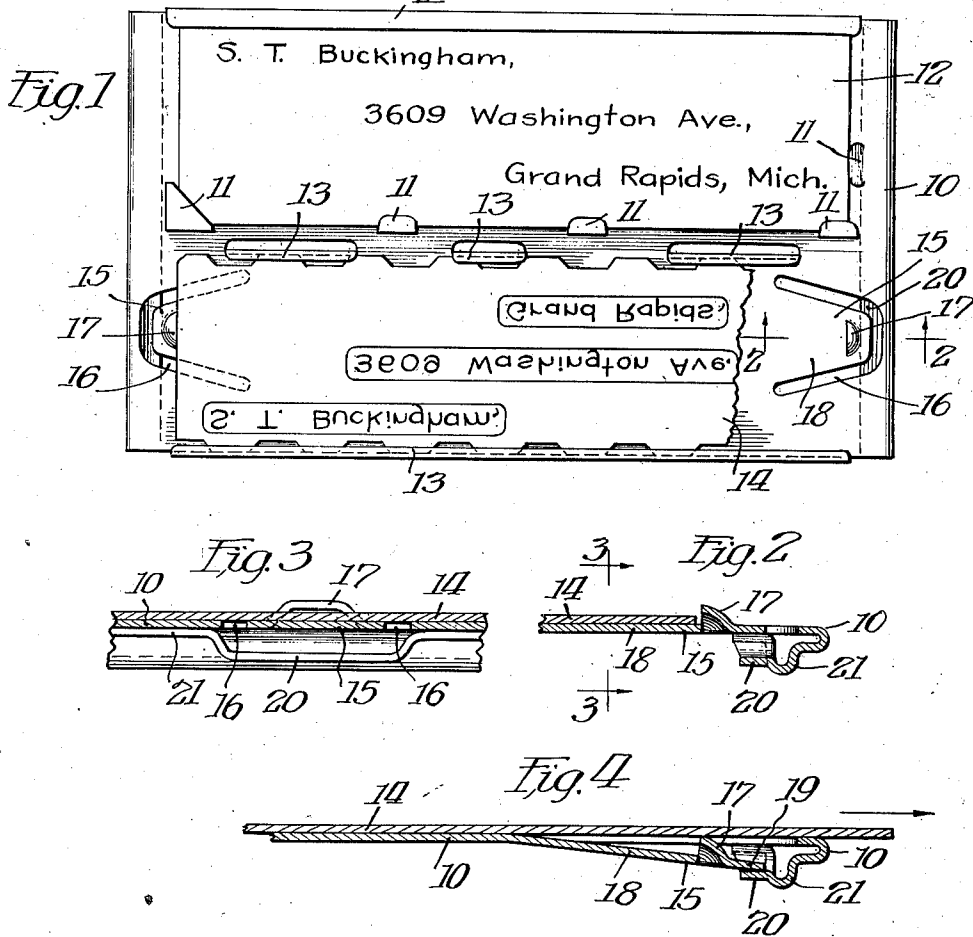
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J. P. JACKSON

PLATE HOLDER FOR ADDRESSING MACHINES

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UNITED STATES PATENT OFFICE.

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PLATE HOLDER FOR ADDRESSING MACHINES.

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To all whom it may concern:

Be it known that I, JAMES P. JACKSON, a citizen of the United States, and a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Plate Holders for Addressing Machines, of which the following is a specification.

This invention relates to plate holders such as are used in addressing machines and the like and has for its primary object to provide a more durable and convenient article of this type.

The other objects and advantages of my invention will be better understood by reference to the following specification when considered in connection with the accompanying drawing illustrating a selected embodiment thereof, in which:—

Fig. 1 is a plan view of the face of the holder.

Fig. 2 is a section on the line 2—2 of Fig. 1.

Fig. 3 is a section on the line 3—3 of Fig. 2, and

Fig. 4 is the same as Fig. 2, illustrating the method of withdrawal of the plate from the holder.

Referring to the drawings, the plate holder 10 will be seen to resemble in general construction and arrangement the well known product of a large manufacturer of addressing apparatus and therefore I shall not attempt to describe the same in detail except in so far as is necessary to fully point out the novel and advantageous features incorporated therein by me.

The holder 10 is preferably formed of flexible sheet metal and provided with a series of lugs or offsets 11 on its face to hold an identification card as 12. These cards are sufficiently flexible to enable their edges to be inserted under such lugs or offsets. Similar lugs or offsets 13 are provided to overlie the side edges of the printing plate 14. This plate is slid endwise beneath the lugs 13 and in the present embodiment may be inserted from either end of the holder. Certain of these lugs or offsets 11 and 13 are provided by bending the edges of the holder while others are struck from the body of such holder.

Catches 15 are provided to engage the ends of the plate 14 and position the same in the holder. These catches are preferably

formed by cutting substantially U-shaped slots as 16 in the holder and striking up small projections as 17 in the flaps 18 formed by such slots. When the plate 14 is inserted in the holder, the advancing forward end edge of this plate will contact with the inclined outer face of the projection 17 and depress the flap 18. As soon as the rear end edge of the plate passes this projection, the resiliency of the metal of the flap will cause the projection to snap into place behind such edge and retain the plate in position in the holder, as indicated in Figs. 1 to 3. To remove the plate from the holder, the outer end 19 of either flap is depressed by the finger nail of the operator or in any other suitable manner, moving the projection 17 on this flap below the level of the plate, and permitting the plate to be drawn endwise thereover as indicated in Fig. 4, the direction of movement of the plate being indicated by an arrow.

In practice it has been found that the operators frequently depress these flaps too far in removing the plates, so that after a short period of use, the flaps lose some of their resiliency and fail to spring back sufficiently to bring the projection 17 into proper position opposite the end of the plate, thus permitting the plate to slip out of the holder. To obviate this I have provided on the holder stops as 20 to limit the downward bending movement of the flaps. In the present embodiment these stops are formed on the bent under end edges 21 of the holder though it is obvious they may be provided in various other ways. When the downward movement of the flap is limited to substantially the necessary distance, the metal of the flap will maintain its elasticity indefinitely and proper locking of the plate is insured.

I claim as my invention:

1. A printing device of the class described, comprising a holder-plate slit to form an integral spring tongue provided with a shoulder projecting at one side of the holder-plate, the opposite side of the holder-plate having an inturned edge portion bent across said opposite side of the plate and underlying the free end portion of the tongue, that portion of the inturned edge of the plate which underlies the tongue being depressed and constituting a stop for limiting depression of the tongue.

2. A printing device of the class described, comprising a holder-plate slit to form an integral spring tongue provided with a shoulder projecting at one side of the holder-plate, the opposite side of the holder-plate having an inturned edge portion bent across said opposite side of the plate and underlying the free end portion of the tongue, that portion of the inturned edge of the plate which underlies the tongue constituting a stop for limiting depression of the tongue. 10

JAMES P. JACKSON.