Jan. 17, 1928.

1,656,489

A. E. LOW

PRINTING DEVICE

Filed Oct. 15, 1924

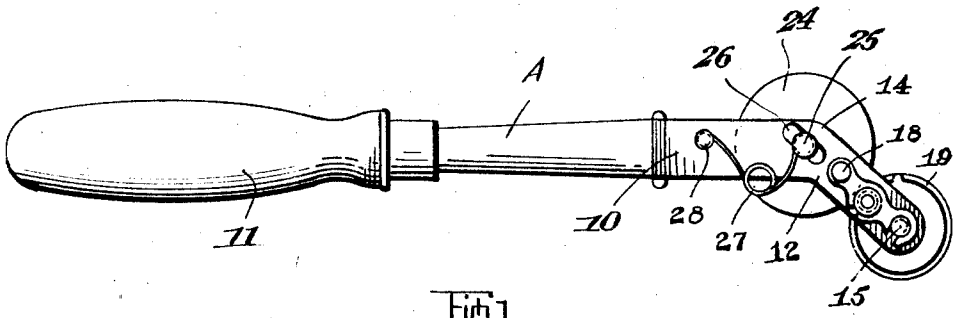


Fig. 1.

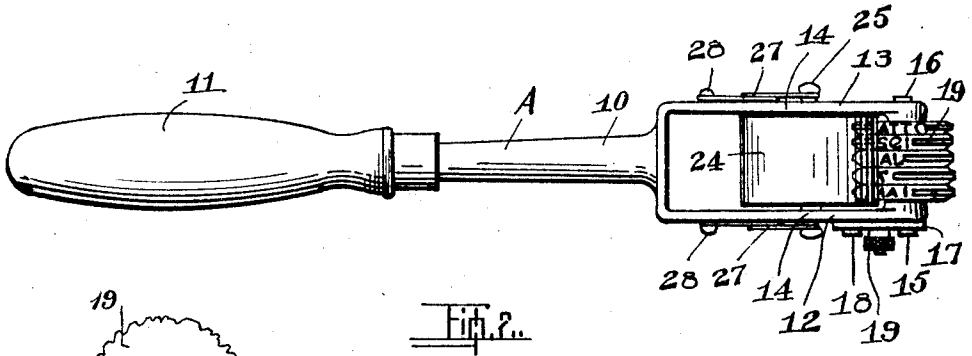


Fig. 2.

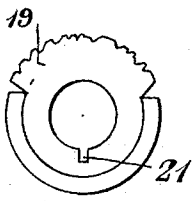


Fig. 5.

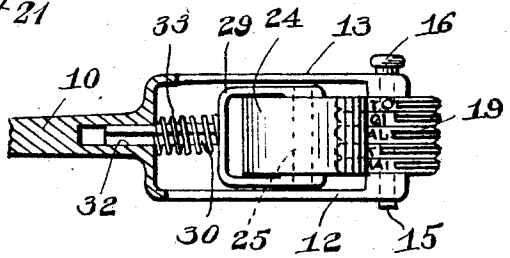


Fig. 3.

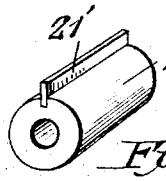


Fig. 4.

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Patented Jan. 17, 1928. 1,656,489

UNITED STATES PATENT OFFICE.

ARCHIE EDGAR LOW, OF OTTAWA, ONTARIO, CANADA.

PRINTING DEVICE.

Application filed October 15, 1924. Serial No. 743,833.

This invention relates to improvements in printing devices and more particularly to hand printing and stamping devices in which a plurality of interchangeable and rotatable type-carrying disc members are mounted in a fork-shaped and suitably bent carrier provided with a handle and also having, adjacent the type-carrying discs, a rotatable ink pad.

The objects of the invention are to provide a simply constructed, durable and handy device of this character, for cancelling stamps on letters and the like, in which the type-carrying discs can be quickly and readily adjusted to the required date and with which the date can be repeated by simply moving the device backwards or forwards.

With the foregoing and other objects in view, the invention consists essentially in the novel arrangement and construction of parts described in the following specification and illustrated in the accompanying drawings that form part of the same.

Referring now to the drawings in which like characters of reference indicate corresponding parts in each figure,

Figure 1 is a side elevation of the device.

Figure 2 is a top plan view.

Figure 3 is a plan view, partly in section, of an alternative form.

Figure 4 is a perspective view of the disc-carrying bushing.

Figure 5 is a plan view of a conventional type disc.

In the drawings A designates the device as a whole, an example of which is here shown comprising a holding member 10 having a handle 11 at one end and forked at the other end to provide the jaws 12 and 13 bent downwardly adjacent their outer ends at 14. Within these jaws and adjacent the outwardly bent ends is a shaft or pin 15 provided with a bolt head 16 at one end and held in position at the other end by means of a latch 17 pivotally mounted at 18 on the outside of one of the jaws of the forked member 10.

The pin or shaft 15 is designed to operatively carry the type or die units in the form of discs or segments 19 having a central aperture therein to engage with a bushing 20 in turn rotatably mounted on the spindle 15. These discs carry, as illustrated, the type or die for printing and are, when assembled on the bushing, held there in positive position by means of a keyway 21′ formed on the bushing and adapted to engage with slots 21 in said discs.

From the foregoing it will be seen that on the member 10 being moved forward with the discs in contact with the surface to be printed, they will at once rotate and print the date or otherwise according to the type carried by said discs and at the same time rotate the ink-carrying roller 24, hereinafter more fully described.

Adapted to contact, in well known manner, with the discs 19 is an ink roller 24 rotatably mounted between the jaws of the member 10 on a pin 25 working in a slotted hole 26 in said jaws and actuated, as here shown, by spring 27 fixedly mounted on the jaws at 28 and the other end of which is connected to the pin 25.

In the modified form of my invention as illustrated, a second yoke 29, provided within the jaws of the yoke 10. This second yoke 29 is slotted to engage with and hold the pin 25 carrying the ink roller 24, and is formed with a stem 30 to engage with the slot 32 in the stem of the yoke 10. The second yoke 29 is spring actuated to exert pressure on the ink roller 24 and automatically retain it in engagement with the discs by means of a coil spring 33 wound on the stem 30 thereof.

As many changes could be made in the above construction and many apparently widely different embodiments of my invention, within the scope of the claim, constructed without departing from the spirit or scope thereof, it is intended that all matter contained in the accompanying specification and drawings shall be interpreted as illustrative and not in a limiting sense.

What I claim as my invention is:

A hand cancelling machine and in combination, a yoke formed with a stem adapted to carry a handle, a slot in the stem communicating with the yoke, a pin, a spindle rigidly mounted in the yoke, a second yoke engaging with said pin and formed with a stem to engage with the slot in the first mentioned yoke and spring actuating means for the second yoke wound on said stem and engaging with the second yoke and the first mentioned yoke, a printing roller rotatably mounted in the second mentioned spring actuated yoke, a spindle provided with a bolt head at one end rigidly mounted in the first mentioned yoke in spaced relationship to the

printing roller, a bushing formed with a key-way rotatably mounted on said spindle, a plurality of type carrying discs centrally apertured to engage with the bushing and provided with slots communicating with central aperture to engage with the key-way on the bushing whereby in operation the printing roller is automatically held in engagement with the discs and whereby on the discs being rotated the printing roller is simultaneously rotated.

In witness whereof I have hereunto set my hand.

ARCHIE EDGAR LOW.