

M. P. KENNA.
MAILING DEVICE.

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1,166,767.

Patented Jan. 4, 1916.

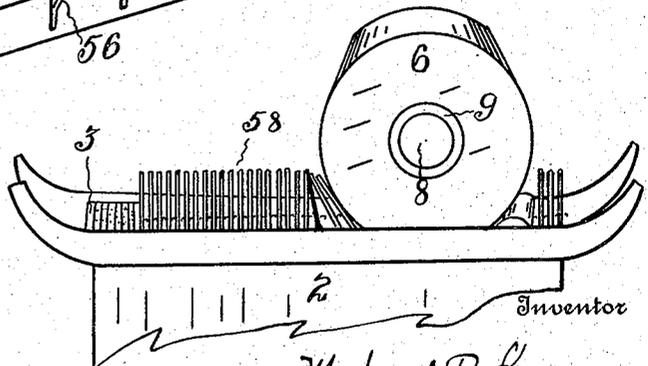
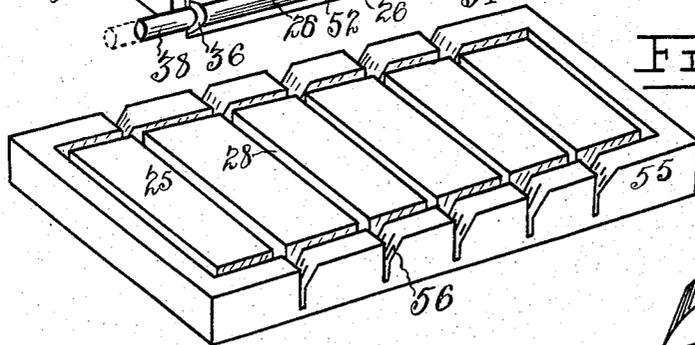
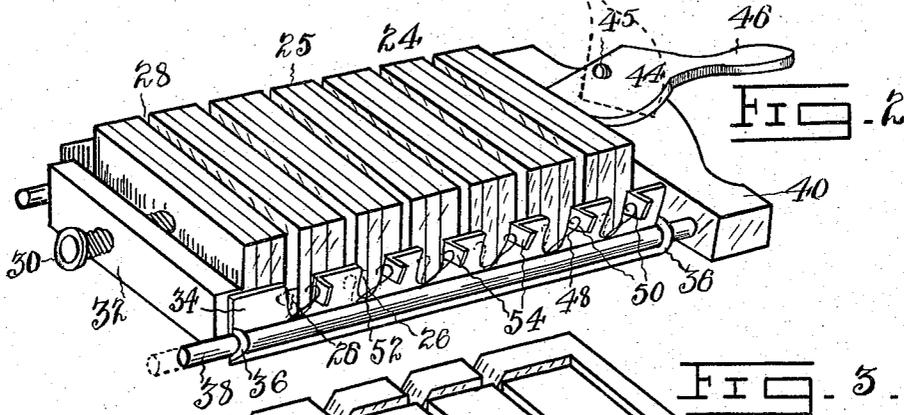
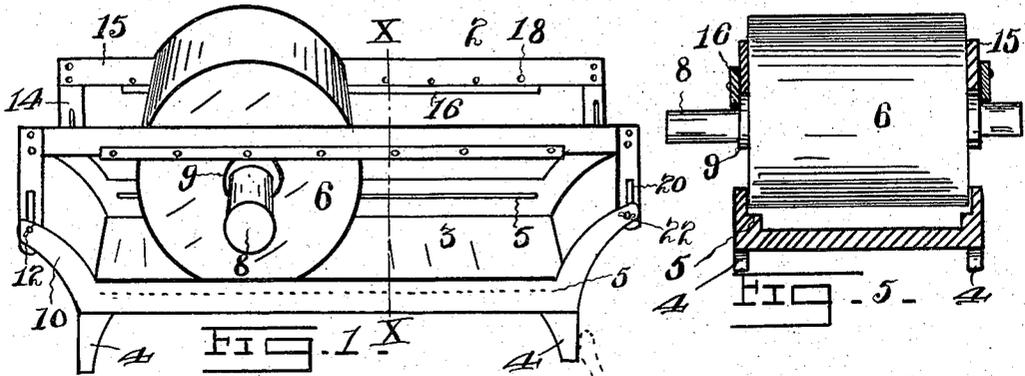


FIG. 4.

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MAILING DEVICE.

1,166,767.

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To all whom it may concern:

Be it known that I, MICHAEL P. KENNA, a citizen of the United States, residing at Dubuque, in the county of Dubuque and State of Iowa, have invented certain new and useful Improvements in Mailing Devices, of which the following is a specification.

My invention relates to mailing devices with special reference for use in stores, factories and other places of business, where there are large lists of customers to whom monthly statements, circulars, postal cards and other matter are frequently sent, and the object is to provide a device whereby circulars and other matter may be mailed to a long list of customers in an exceedingly short space of time.

Another object is to provide means whereby a list of customers may be added to or taken from or change made in their post office addresses without disturbing the balance of the list.

All of which will be fully explained and illustrated in the following specification and drawings accompanying the same.

Figure 1 is a perspective view of the preferred printing press. Fig. 2 is a perspective view of the type set in a galley and showing one mode by which postal cards or the matter to be printed are held in the galley. Fig. 3 shows the galley with a few of the addresses set therein and surrounded with a frame for holding the matter to be printed therein. Fig. 4 is a side view with part of the cards printed and part about to be printed. Fig. 5 is a cross section through line X—X of Fig. 1 with roller in view.

Like characters of references denote corresponding parts in each of the figures.

Referring to the drawings, 2 is the press to be used with this mailing device, and consists of a bed 3 set upon legs 4 and provided with side rails or tracks 5 and the roller 6 having handles 8, one at each end of the roller. Around each handle 8 is mounted a loosely fitting band 9. The roller is adapted to travel upon the tracks 5. At each end of the bed are arms 10 two on each side which are provided at their upper ends with openings 12. To the arms are removably attached uprights 14 which are securely fastened to a cross rail 15 one on each side. On one side of the rails near the lower edge are fastened guides 16 by bolts or pins 18 and the guides 16 project a short distance below the rail and on the outside of the bend 9 for nearly the

entire length of the rail. By means of these guides the roller is caused to travel evenly on both tracks 5. The uprights 14 are provided with slots 20 and are adjusted in any given position with reference to the arms 10 by set screws 22.

On the bed 3 is placed a galley 24 in which are set type 25 preferably set on linotype, which constitute the names and addresses of the parties to whom the mailing matter is to be sent. Each address is spaced apart by a wooden spacer or slug 26. This slug only extends part way up the sides of the linotype leaving a space 28 between the addresses above the slug. Upon the slugs and between the addresses is placed the matter to be printed. These addresses are held in the galley by a screw 30 passing through a bar 32 of the galley and by tightening the screw 30 the addresses will be firmly held in the galley with the slug between the addresses.

For the purpose of securely holding the postal cards or other matter to be printed there is secured to each side of the galley a plate 34 to which are secured or form a part thereof ears 36. These ears are provided with openings through which a bar 38 is loosely held and adapted for endwise movement. The two bars are rigidly secured at one end in a plate 40 to which a cam-button 44 is pivoted by a pivot pin 45 and is provided with a handle 46. On these bars are fastened springs 48, bent near their top into a hook 50. The rear of each of these hooks registers with the space between the addresses. The plates 34 are cut away at 52 and a lug 54 of the plate is bent around at right angles to the plate against which the hook portion 50 of the spring 48 is adapted to be brought into engagement and hold the matter to be printed in an upright position.

Another mode of holding the matter to be printed is shown in Fig. 3 and consists of a frame 55 surrounding the galley with the addresses 25 therein. This frame is provided with the slots 56 that register with the spaces 28 between the addresses in which the postal cards may be inserted.

The manner of using my device is substantially as follows:—The type 25 forming the addresses are set preferably in linotype and placed in the galley with the spacing slugs 26 between the addresses and when the galley is filled, the screw 30 is drawn up and rigidly fastens all the addresses in the galley with the space 28 left between the upper part of

the addresses. The type are inked and the operator takes hold of the cam handle 46 and turns it around parallel with the plate 40 and this allows the operator to force the rods 38 toward the rear and the springs away from contact with the right angled lugs 54. He then inserts a postal card 58 or other matter to be printed between each two addresses in the space 28 and between the hook portion 50 of the spring and the lug 54 and after all of the cards are in, then the operator takes hold of the handle 46 of the cam 44 and turns it to the position shown in Fig. 2, this brings the end 50 of the spring 48 against the card and fastens the card between the spring and the lug 54. The galley with the cards so set therein, is placed on the bed 3. Then the operator operates the set screw 22 to adjust the reinforcement 16 of the bar 15 upon the handles 8 of the roller 6 so that there will be a strong even pressure upon the type. He then rolls the roller 6 over the standing cards 58 and bends them down upon the addresses, and thus prints the addresses upon the cards. The same mode is employed where the frame 55 is placed around the galley as there, the operator places the cards in the slots 28 between the addresses and the slots 56 in the frame and the operator rolls the roller over and prints the same as before stated.

It is manifest that numerous devices, other than a roller, may be used for bending and pressing the matter to be printed on the type without departing from the spirit of my invention.

It will be seen by this mode of constructing the frame with the bars 15 and guides and providing means for adjustment that there will always be an equal and strong pressure upon the arms of the roller whereby each address will be made equally clear. It will also be seen that each card 58 is rigidly held between the addresses and the position of the address upon the card may be determined by the depth of the space between the addresses on the galley.

Having now described my invention what I claim is:—

1. In a device of the character described, a galley, type adapted to be inked forming addresses set in the galley with spaces between the addresses in which spaces are set the cards or other matter to be printed in an upright position, and means adapted to

force down the matter to be printed on the inked type.

2. In a device of the character described, a galley, type adapted to be inked set in the galley forming addresses with spaces between the addresses in which spaces the matter to be printed is held, a press provided with a roller adapted to roll over the matter to be printed and press it upon the inked addresses, and means for adjusting the pressure upon the matter to be printed upon the addresses.

3. In a device of the character described, a galley, type adapted to be inked forming addresses set in the galley at a predetermined distance apart, means for holding the matter to be printed between the addresses in the galley, and means adapted to travel over the galley and force down the matter to be printed upon the inked addresses.

4. In a device of the character described, a galley, type adapted to be inked forming addresses set in the galley at a predetermined distance apart, means for holding the matter to be printed between the addresses in the galley, a roller adapted to travel over the galley and force down the matter to be printed on the inked addresses, and means for adjusting the pressure of the roller upon the matter to be printed.

5. In a device of the character described, a galley, type adapted to be inked forming addresses set in the galley at a predetermined distance apart, means for holding and locking the matter to be printed between the addresses in the galley in an upright position, and means adapted to bend down the matter to be printed upon the inked addresses.

6. In a device of the character described, a galley, type adapted to be inked forming addresses set in the galley at a predetermined distance apart, means for holding the matter to be printed between the addresses in the galley consisting of a spring adapted to engage the matter to be printed, and a roller adapted to travel over the galley and force down the matter to be printed upon the inked addresses.

In testimony whereof I affix my signature in presence of two witnesses.

MICHAEL P. KENNA.

Witnesses:

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