A. MASSI.

CHECK PRINTER.

APPLICATION FILED AUG. 14, 1919.

1,345,794.

Patented July 6, 1920.

3 SHEETS—SHEET 1.

Fig. 1

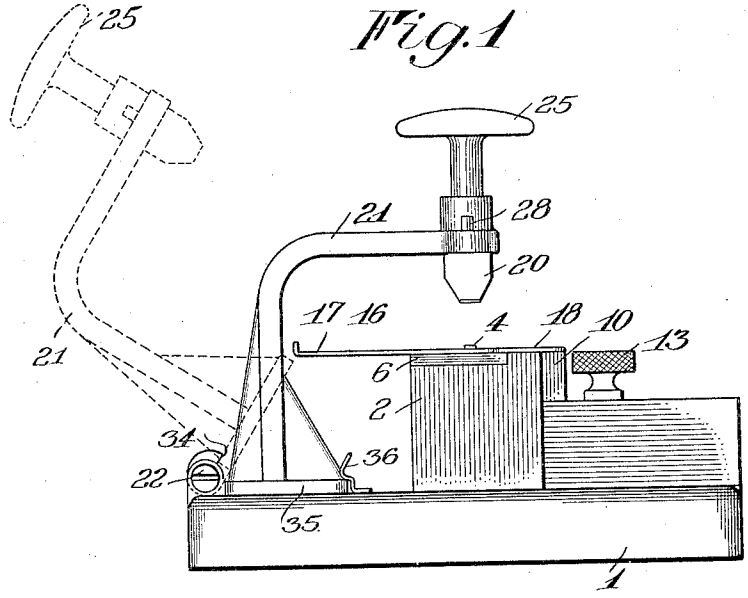
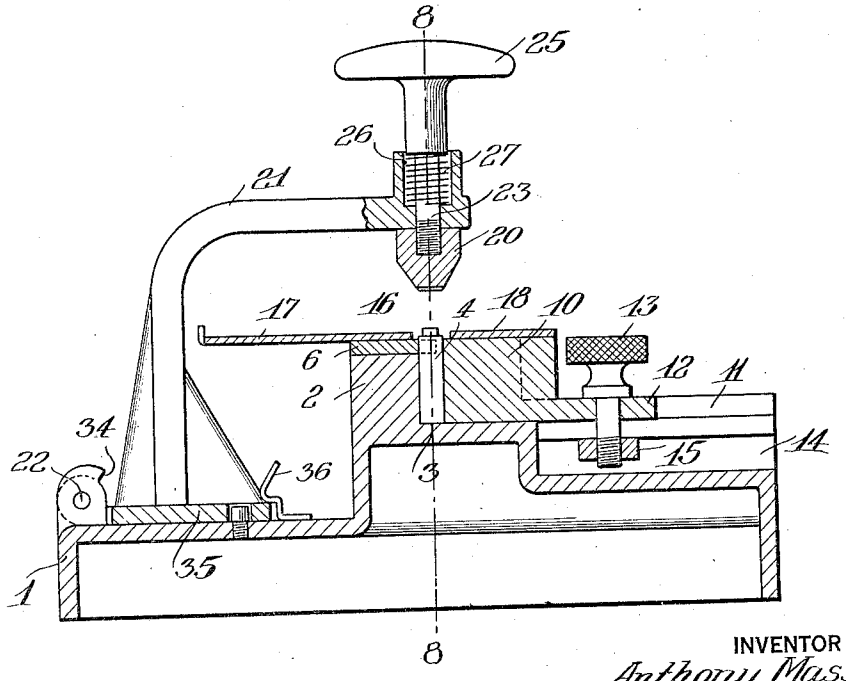


Fig. 2



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3 SHEETS—SHEET 2.

Fig. 3

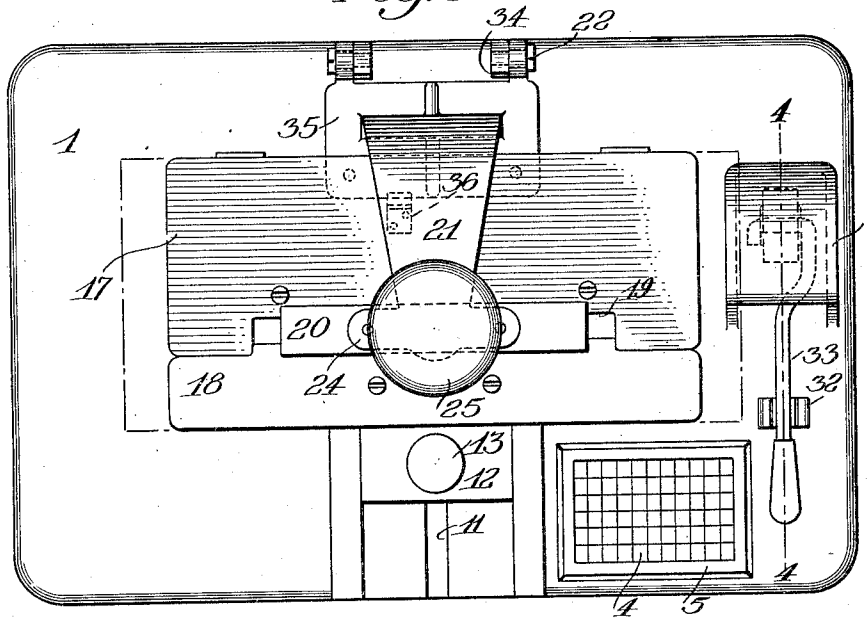


Fig. 4

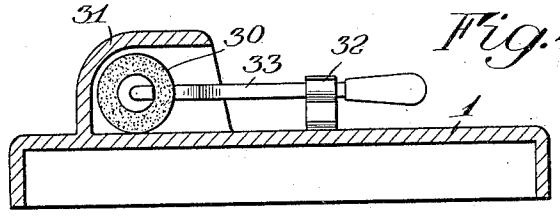
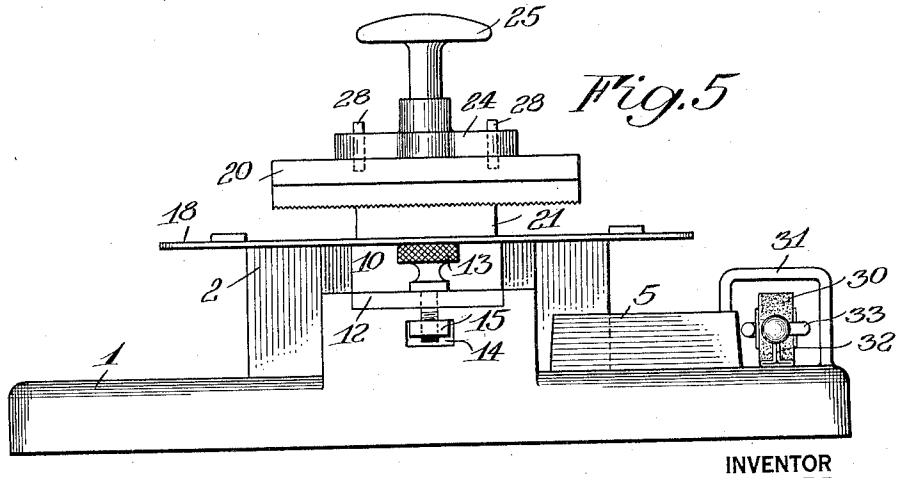


Fig. 5



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3 SHEETS—SHEET 3.

Fig. 6

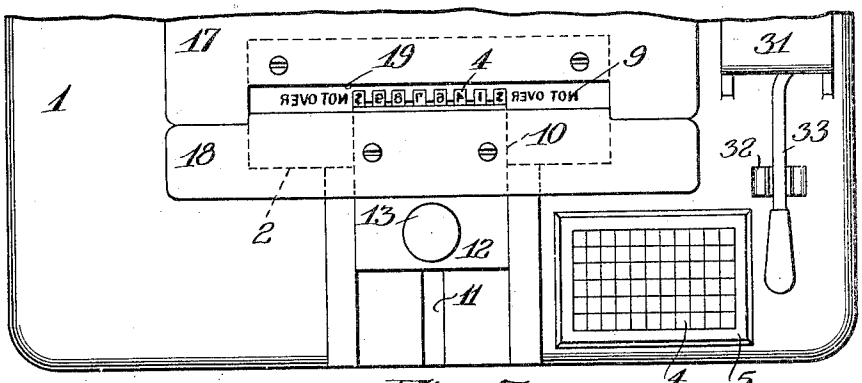


Fig. 7

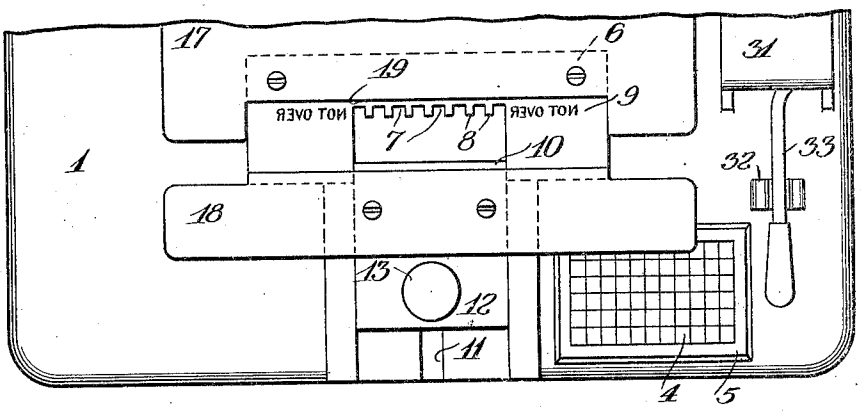
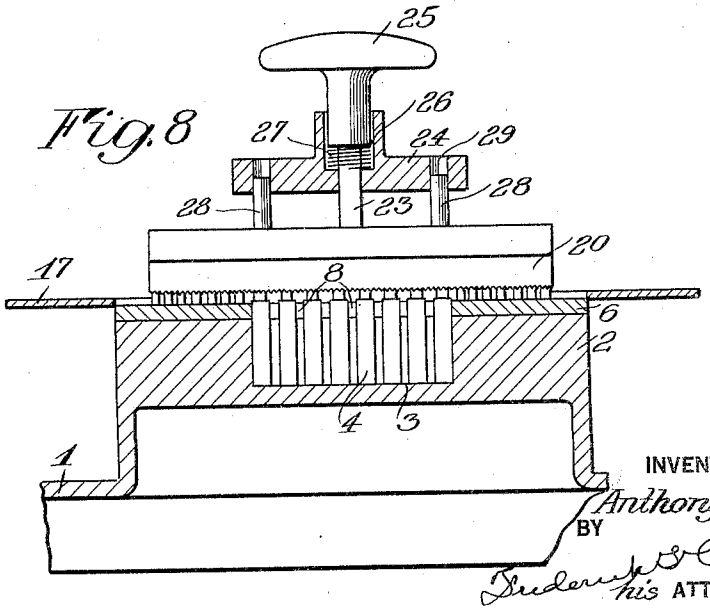


Fig. 8



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UNITED STATES PATENT OFFICE.

ANTHONY MASSI, OF ROCHESTER, NEW YORK.

CHECK-PRINTER.

1,345,794. Specification of Letters Patent. Patented July 6, 1920.

Application filed August 14, 1919. Serial No. 317,507.

To all whom it may concern:

Be it known that I, ANTHONY MASSI, a subject of the King of Italy, and a resident of Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Check-Printers; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing, forming a part of this specification, and to the reference-numerals marked thereon.

My present invention relates to printing and more particularly to the small hand operated machines employed to indelibly write upon checks the amounts for which they are drawn or limiting amount above which the check is not to be honored and it has for its object to provide a simple, durable and convenient device of this nature that can be produced at low cost. To these and other ends the invention resides in certain improvements and combinations of parts all as will be hereinafter more fully described, the novel features being pointed out in the claims at the end of the specification.

In the drawings:

Figure 1 is a side elevation of a check printer constructed in accordance with and illustrating one embodiment of my invention.

Fig. 2 is an enlarged, transverse central sectional view, the platen carrying arm being shown only in partial sections.

Fig. 3 is an enlarged top plan view.

Fig. 4 is a section on the line 4—4 of Fig. 3.

Fig. 5 is a front view.

Fig. 6 is an enlarged fragmentary top plan view of a portion of the bed with the type clamp in operative position.

Fig. 7 is a similar view with the said clamp in inoperative position.

Fig. 8 is a fragmentary section on the line 8—8 of Fig. 2.

Similar reference numerals throughout the several views indicate the same parts.

Referring more particularly to the drawings 1 indicates a cast iron base forming the bed of the machine having a raised central portion 2 provided with a recess 3 to receive the types 4, a supply of which is preferably carried in a suitable case 5 conveniently placed on the bed 1. Overlying the raised portion 2 and secured thereto is a form plate 6 the front edge of which projects into the upper portion of the recess 3. This edge is notched at 7 as clearly shown in Fig. 7 providing a series of spaced fingers 8 and these notches form individual seats for each type that is used to make up an amount as expressed by the type shown set in Fig. 6. The machine of the present embodiment is a "not over" machine in that it prints a limiting amount on the face of the check above which the latter is not to be honored and in alinement with the row of type seats I provide the plate 6 with type faces 9 adapted to print the expression "not over" at each end of the amount expressed by the interchangeable types 4.

The bases of the types 4 rest upon the bed at the bottom of the recess 3 and they are held in their seats by a clamping block 10 which slides toward and from the seats as shown by a comparison of Figs. 6 and 7 on ways 11 engaged also by a reduced extension 12 on the block. A thumb screw 13 extends vertically through this extension and into a T-slot 14 between the ways. A nut 15 slides in the T-slot and has threaded engagement with the thumb screw which enables the clamping block 10 to be locked in the position of Fig. 6 to hold the types firmly in their seats. The thumb screws are readily released so that the types may be changed when it is desired to change the amount to be printed.

The check to be printed is placed upon a bed plate 16, a part 17 of which is carried by the printing bed 2 while the other part 18 is carried by the clamping block 10. The part 17 is cut away at 19 to clear the types 4 and to also space the portion 18 from them, the faces of the types projecting above the check bed or table 16 as shown in Fig. 2.

The check to be printed is placed face down upon the bed and is struck against the type to make the impression by a platen 20 supported upon a curved arm 21 pivoted to the base at a point 22 at the rear thereof and overhanging the printing bed. The platen is provided with a stem 23 guided in a head 24 at the extremity of the arm and terminating in a knob 25. Between the knob and the bottom of a recess 26 in the head is confined a coiled spring 27 that retracts the platen from the type after the

printing blow has been struck as shown by a comparison of Figs. 8 and 2. Additional guide pins 28 on the platen sliding in apertures 29 in the head 24 hold the platen to a true reciprocatory movement.

The space normally existing between the platen and the type faces as shown in Figs. 1, 2 and 5 is sufficient for the insertion and removal of the checks but I prefer to make it smaller than is necessary to admit an inking roller 30 for the purpose of inking the type. This roller can be kept protected by a pocket 31 on the base 1 in which it is held by a clip 32 engaging its handle 33. When the type is to be inked the platen supporting arm 21 is swung back on its pivot 22 from the full line position of Fig. 1 to the dotted line position where it is stopped by shoulder 34 provided in connection with the pivot 22. The arm has an extended base 35 to give it a firm bearing against the bed when in operative position and it is held in this position by a suitable spring catch 36 secured to the bed and coöperating with its front edge.

I claim as my invention:

1. In a check printing machine, the combination with a bed, of a type form on the bed having individual seats for each of a plurality of types, and clamping means for adjustably and laterally securing the type in said individual seats.

2. In a check printing machine, the combination with a bed and a platen movable toward and from the latter, of a type form on the bed having a plurality of pockets opening laterally to the direction of movement of the platen constituting individual seats for a plurality of types, and formed by walls one of which is movable relative to the other walls to vary the size of the pocket.

3. In a check printing machine, the combination with a bed, of a type form on the bed having a plurality of laterally opening pockets constituting individual seats for a plurality of types and a plate movable toward and from the open sides of the pockets to secure the types therein.

4. In a check printing machine, the combination with a bed, of a type form on the bed embodying a plate having notched edges constituting individual seats for a plurality of types.

5. In a check printing machine, the combination with a bed, of a type form on the bed embodying a plate having notched edges constituting individual seats for a plurality of types, and a second plate slidable on the bed to clamp the types in the pockets.

6. In a check printing machine, the combination with a bed recessed to receive the types, of a form plate secured to the bed and having fingers projecting laterally into the recess to provide individual spaced pockets for the types, and a movable clamping member forming the opposite wall of the recess.

7. In a check printing machine, the combination with a bed recessed to receive the types, of a form plate secured to the bed and having fingers projecting laterally into the recess to provide individual spaced pockets for the types, a movable clamping member forming the opposite wall of the recess and a two part check supporting bed overlying the printing bed, part of which check supporting bed is carried by the clamping member.

ANTHONY MASSI.