

No. 615,677.

Patented Dec. 13, 1898.

J. H. BURTON.
POCKET CHECK PUNCH.

(Application filed Jan. 24, 1898.)

(No Model.)

Fig. 1.

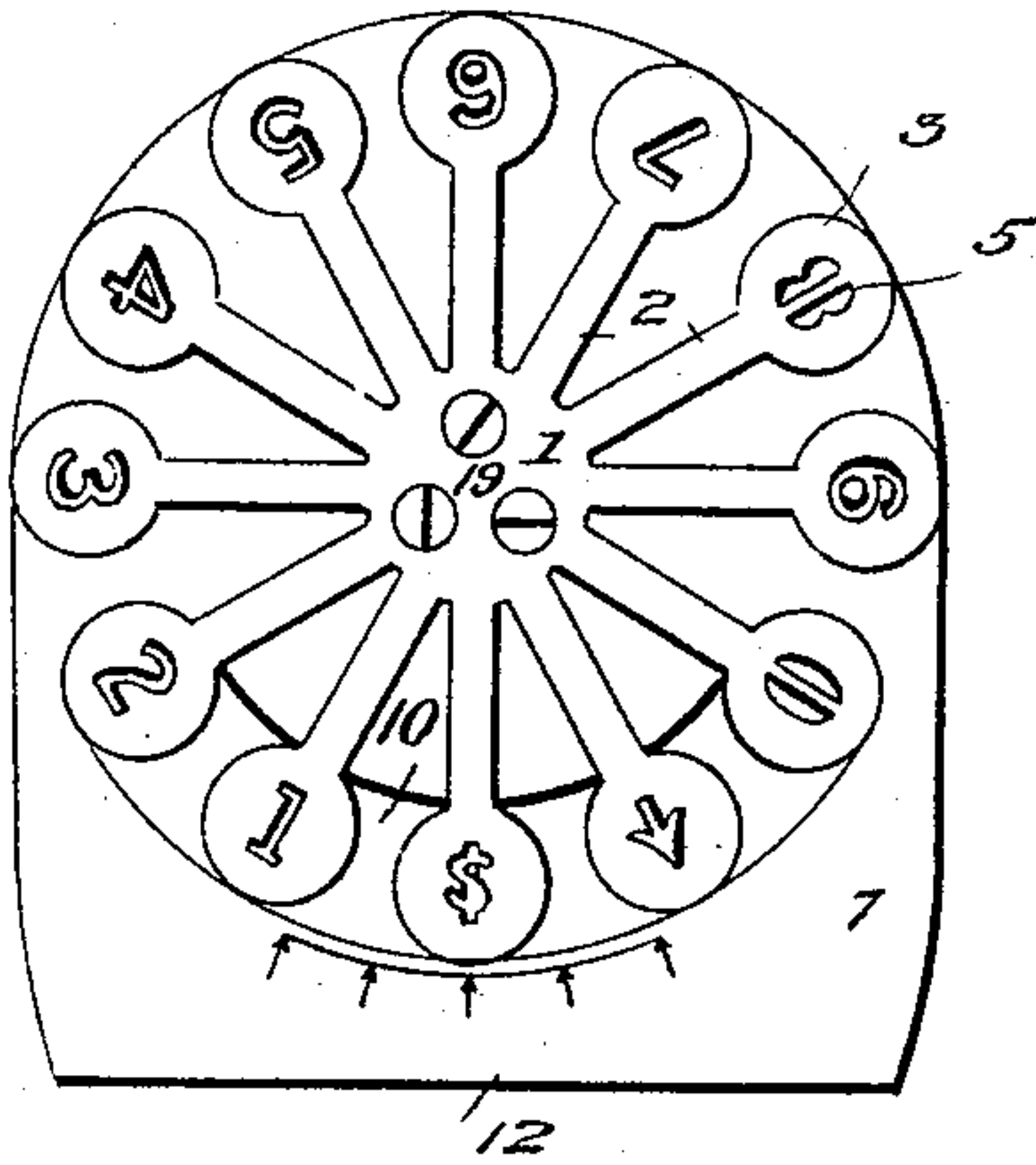


Fig. 2.

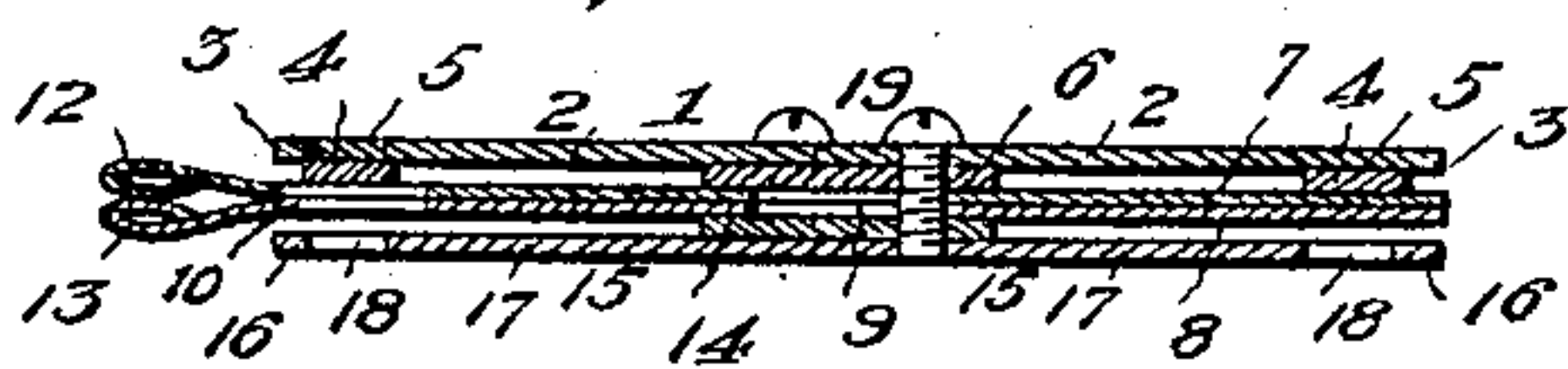


Fig. 5.

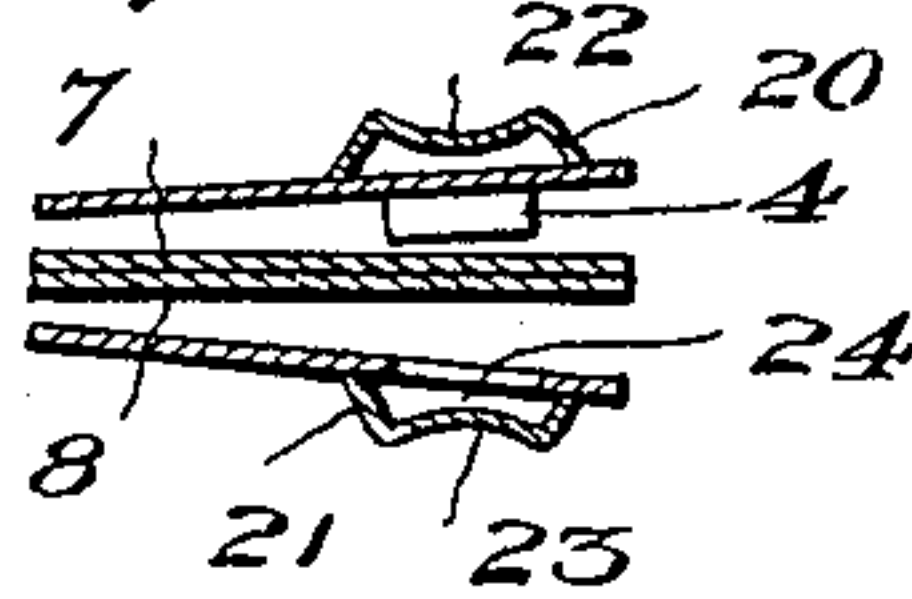


Fig. 3.

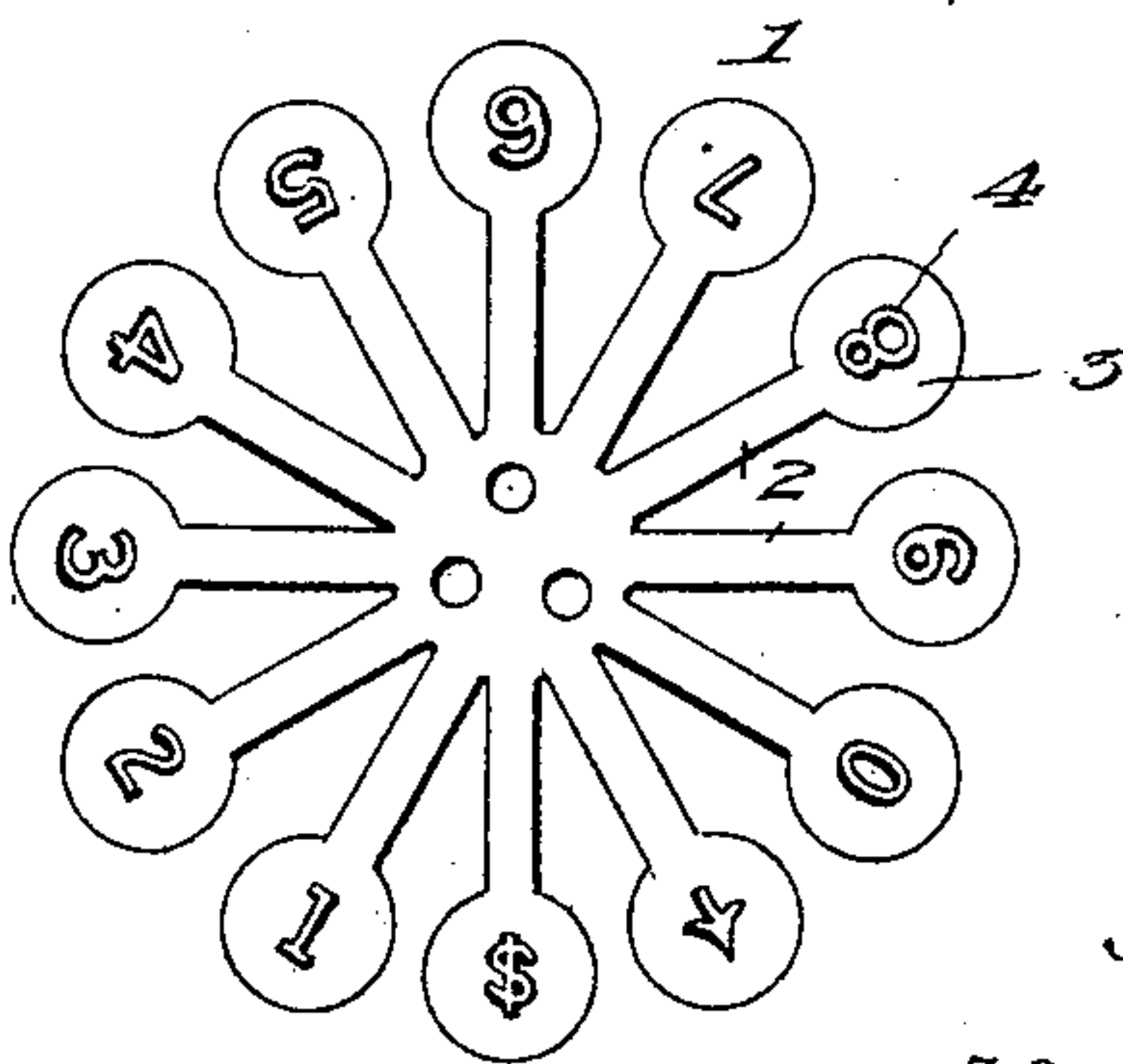


Fig. 4.

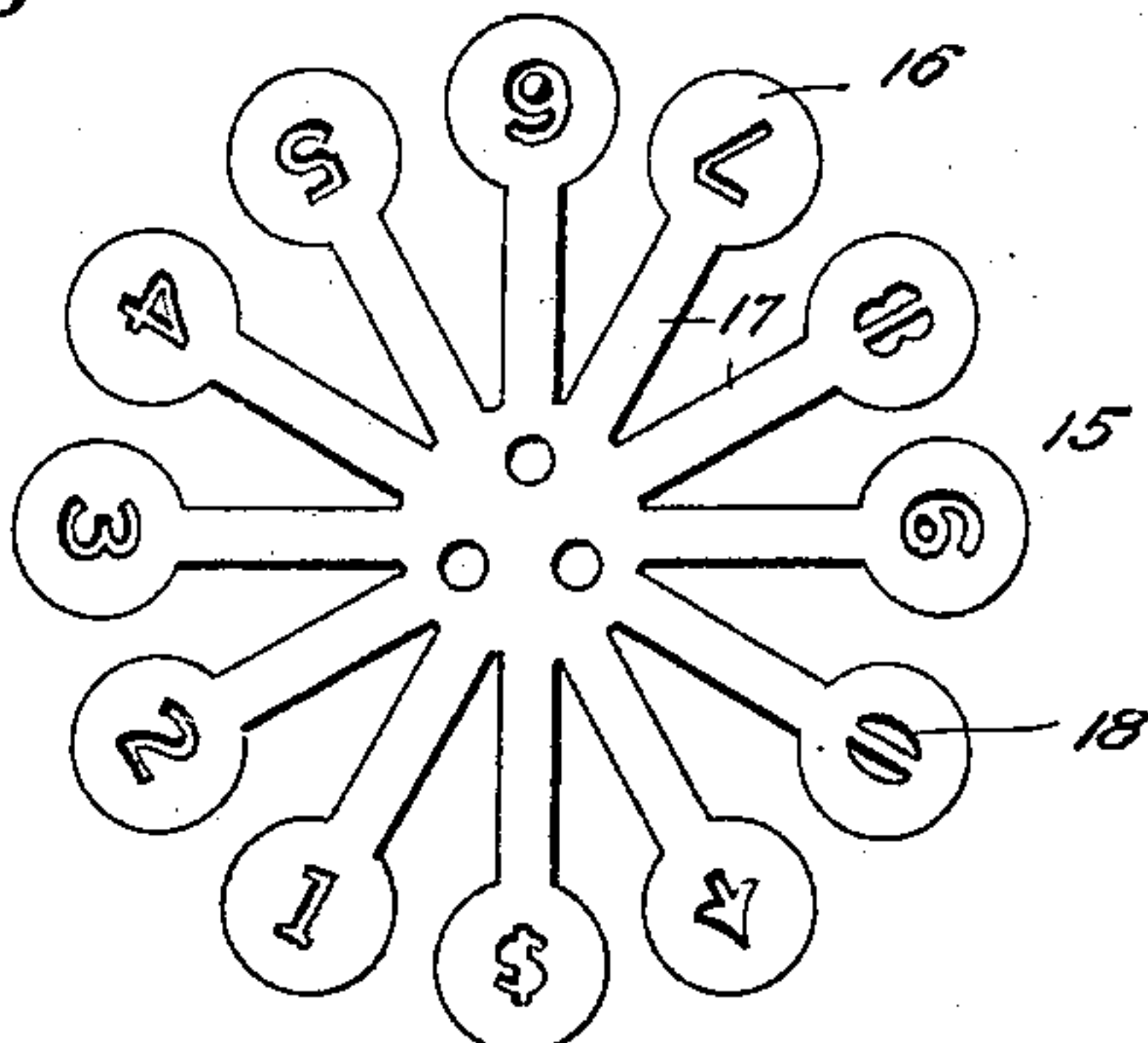
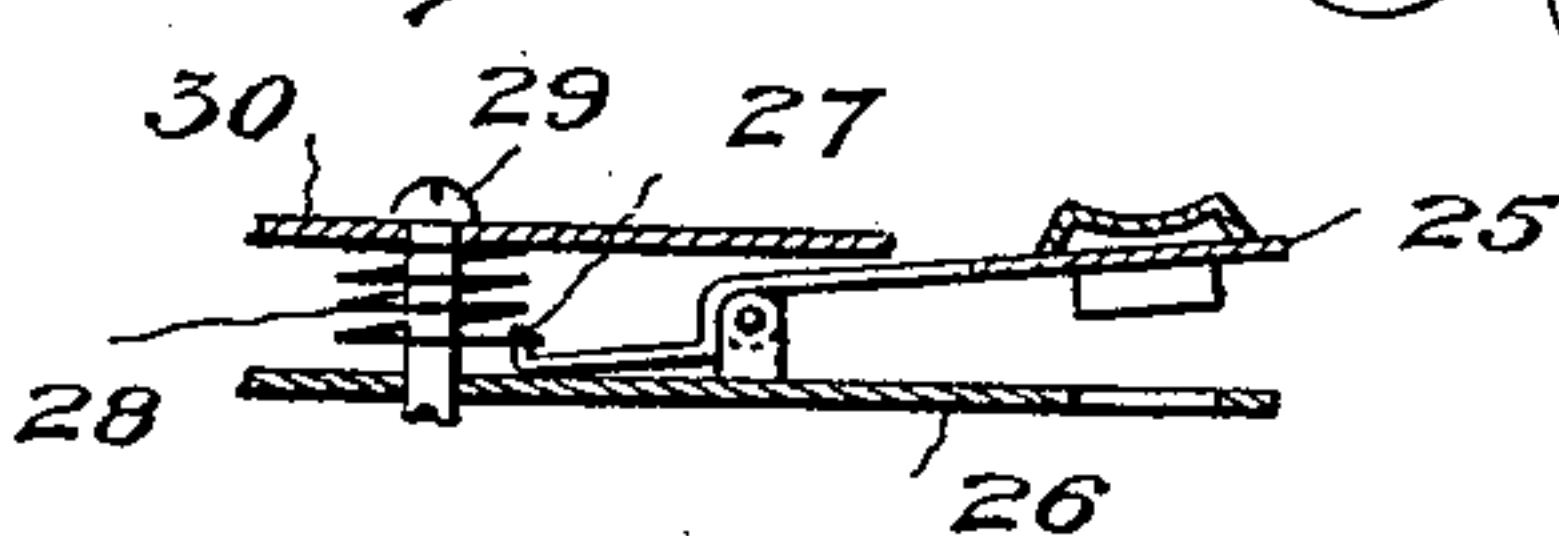


Fig. 6.



Witnesses

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UNITED STATES PATENT OFFICE.

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POCKET CHECK-PUNCH.

SPECIFICATION forming part of Letters Patent No. 615,677, dated December 13, 1898.

Application filed January 24, 1898. Serial No. 667,797. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH H. BURTON, a citizen of the United States, residing at Kingston, in the county of Ulster and State of New York, have invented certain new and useful Improvements in Pocket Check-Punches; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to novel improvements in pocket check-punches; and the object is to simplify the construction, increase the efficiency, and produce an inexpensive, effective, and practical device for this purpose.

To this end the invention consists in the construction, combination, and arrangement of the several parts of the device, as will be hereinafter more fully described, and particularly pointed out in the claims.

The accompanying drawings show my invention in the best form now known to me; but many changes in the details might be made within the skill of a good mechanic without departing from the spirit of my invention as set forth in the claims at the end of this specification.

The same reference characters indicate the same parts of the invention in the several views.

Figure 1 is a top plan view of my improved pocket check-punch. Fig. 2 is a longitudinal section of the same. Fig. 3 is a bottom plan view of the male die. Fig. 4 is a top plan view of the female die. Fig. 5 is a sectional detail of the outer ends of a pair of the die-arms, and Fig. 6 is a sectional detail of a modified form of the male-die arms.

1 denotes the male die, and it consists of a spring-metal plate formed with a series of equidistant integral radial arms 2 2, the outer ends of which terminate in the integral disks 3 3, and on the under face of each disk is fixed a solid character-die 4, and on the upper face of each disk appears a visual character 5, corresponding to the punch-die on the opposite side.

6 denotes a washer, and 7 8 represent two parallel counterpart guide-plates provided with a central orifice 9 and a segmental orifice 10, arranged concentric with said central orifice. These plates are formed with plane

parallel edges the ends of which are folded back upon the plates to form the clamp-jaws 12 13.

14 represents a second washer, and 15 denotes the female die, which is a facsimile of and is alined with the male die, (heretofore described,) with the exception that the disks 16 on the ends of the radial arms 17 are formed with character-orifices 18, corresponding to the solid character 4 on the disk above it. The top and bottom dies and the two washers are each provided with the equilaterally-arranged bolt-holes, as shown, to receive the machine-screws 19, which pass through the central orifice 9 in the guide-plates 7 and 8 and firmly bind the dies together, so as to move in unison above and below the guide-plates, and thus permit the proper characters to be brought in line with the segmental orifices 10.

The check to be punched is inserted the proper distance between the plates 7 and 8 and the jaws 12 13 pressed together to hold it in place between them. The upper and lower die-plates are then simultaneously rotated until the proper character, usually the dollar (\$) mark, appears in the left-hand end of said segmental orifice 10, the proper character and its position being readily located by means of the corresponding indicator characters on the upper face of the male die. By means of the thumb and index-finger of the right hand the upper and lower dollar-mark disks are brought together and the corresponding character punched through the paper. The proper figure characters representing the face value of the check are then brought into proper position and manipulated, as in the first instance, and at the end of the last figure the spear-point or a similar character may be punched, as is usually done by check-punches.

Instead of the male dies being formed with solid punch characters, as shown, a series of pins or needles arranged to represent the characters may be employed, and the figure or character will then be perforated in the paper instead of punched out, as in the present instance.

In Fig. 5 I have shown the male and female die arms provided with thumb-buttons 20 21, the button 20 being formed with a concave re-

cess 22 to receive the ball of the thumb and the lower face of the button 21 with a similar recess 23 for the ball of the finger. This last-mentioned button 21 is hollow to form a pocket 24 for the reception of the waste paper cut from the check in punching it.

In Fig. 6 I have shown the male-die arms 25 radially mounted in the female-die plate 26, the inner end of each arm 25 being turned upwardly to form a toe 27, which engages the lower end of a spiral spring 28, encompassing an axial stud-post 29, fixed in the female-die plate 26.

30 denotes a circular washer fixed on the stud-post 29 to form a bearing for the upper end of the spring, and also to act as a limit-guard for the pivoted lever-arms.

Having thus fully described my invention, what I claim as new and useful, and desire to secure by Letters Patent of the United States, is—

1. A pocket check - punch comprising a spring sheet-metal plate having a series of integral male-die characters concentrically arranged on one of its faces and a series of equivalent indicator characters superimposed on its opposite face, in combination with a counterpart spring sheet-metal die-plate axially fixed to said male-die plate and provided with a series of correspondingly-aligned integral female-die characters, and the orificed guide-plates 7 and 8 interposed between said die-plates and adapted to clamp the check in place between said male and female die plates, as and for the purpose set forth.

2. A pocket check - punch comprising a spring-metal die-plate having a series of male-

die characters concentrically arranged on one of its faces and a series of equivalent indicator characters superimposed on its opposite face, in combination with a counterpart spring-metal die-plate axially fixed to said male-die plate and provided with a series of correspondingly-aligned female die-characters, and the guide-plates 7 and 8 centrally pivoted between said male and female die plates and provided with the concentric segmental orifices 10 aligned with the oppositely-arranged male and female characters, as and for the purpose set forth.

3. A pocket check - punch comprising a spring-metal die-plate having a series of male-die characters concentrically arranged on one of its faces and a series of equivalent indicator characters superimposed on its opposite face, in combination with a counterpart spring-metal die-plate axially fixed to said male-die plate and provided with a series of correspondingly-aligned female-die characters, and the guide-plates 6 and 8 centrally pivoted between said die-plates so as to rotate parallel therewith and provided with the concentric segmental orifices 10 aligned with the die characters and formed with the oppositely-disposed parallel clamping-jaws 12 and 13, as and for the purpose set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JOSEPH H. BURTON.

Witnesses:

CHARLES D. WILTSE,
JAMES COUTART.