

No. 742,649.

PATENTED OCT. 27, 1903.

B. B. HILL.  
HAND STAMP.

APPLICATION FILED NOV. 7, 1901.

NO MODEL.

Fig. 1.

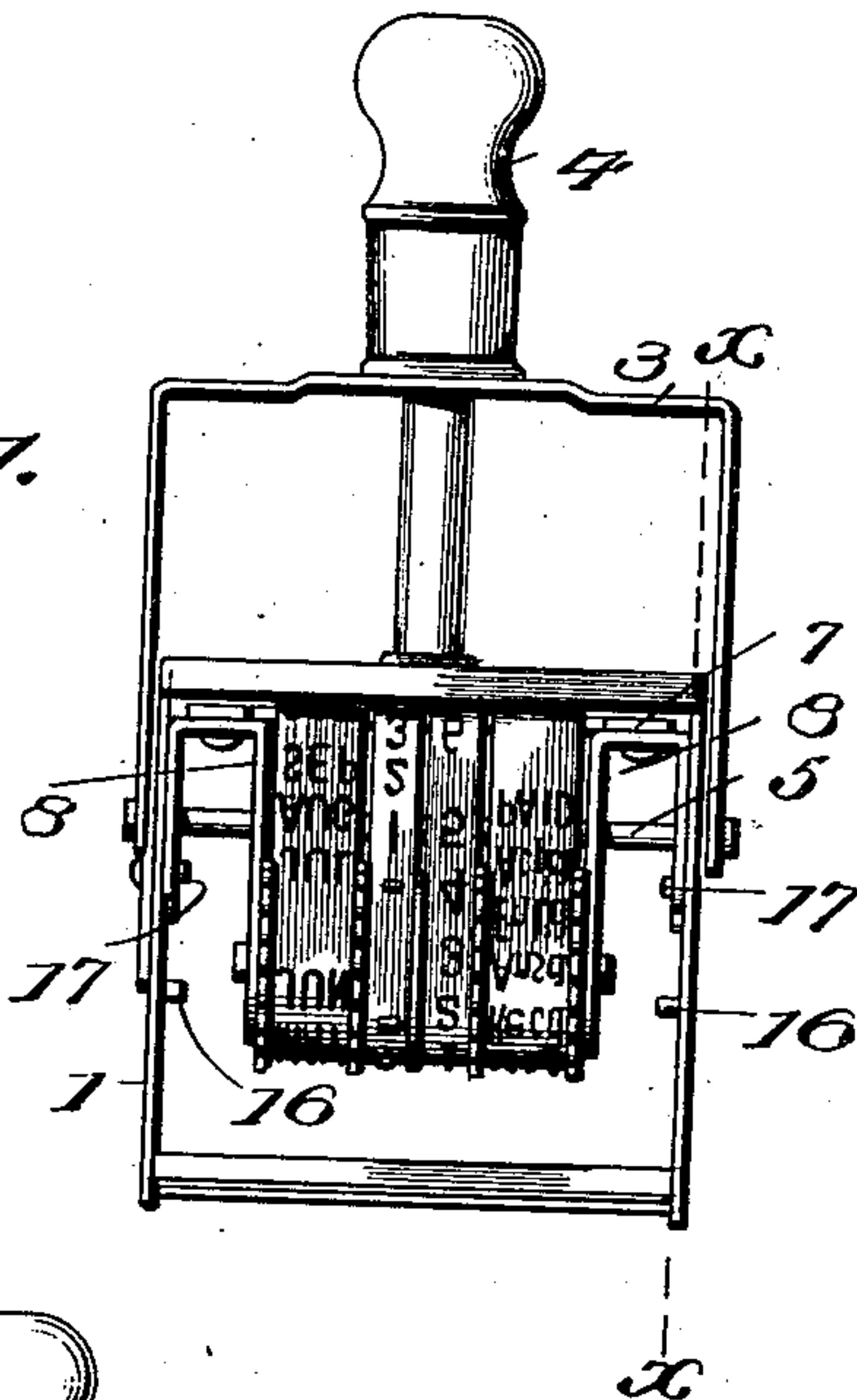


Fig. 2.

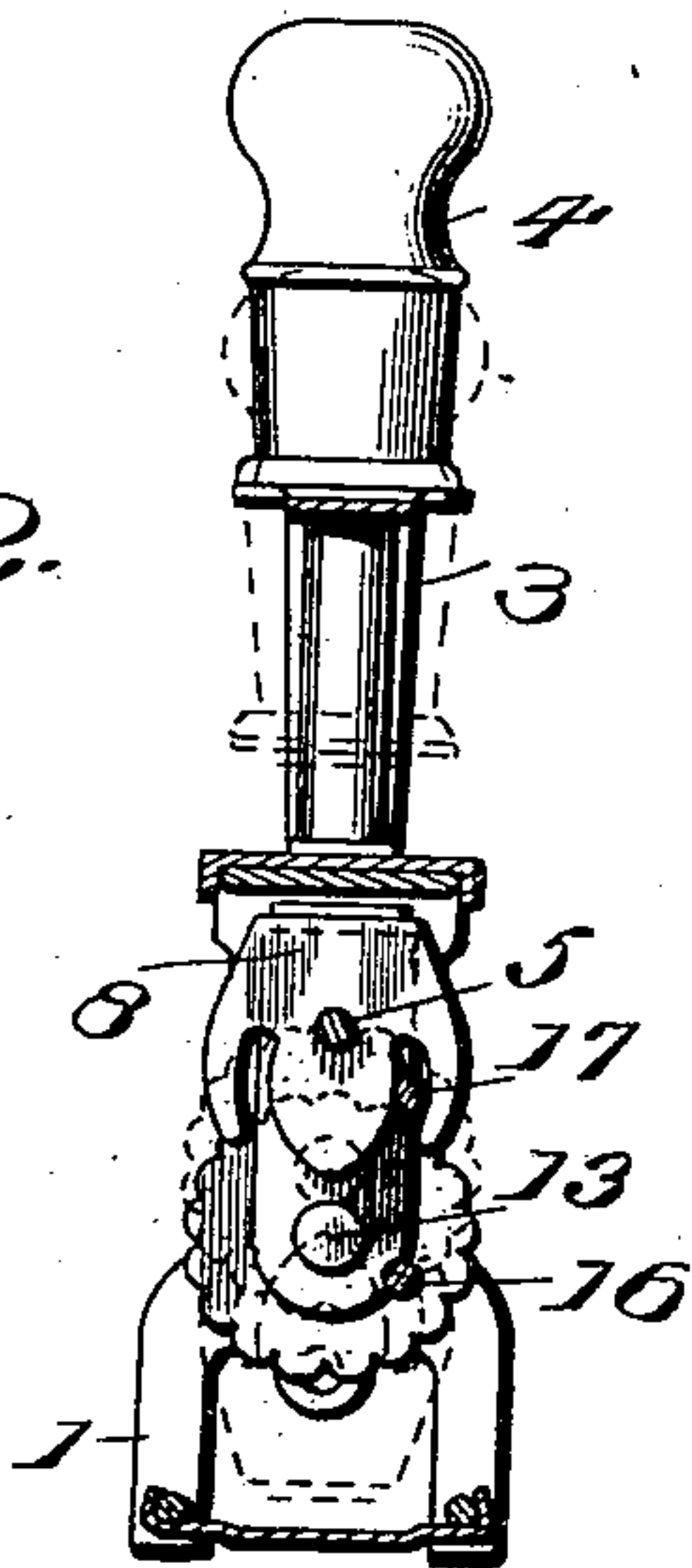


Fig. 3.

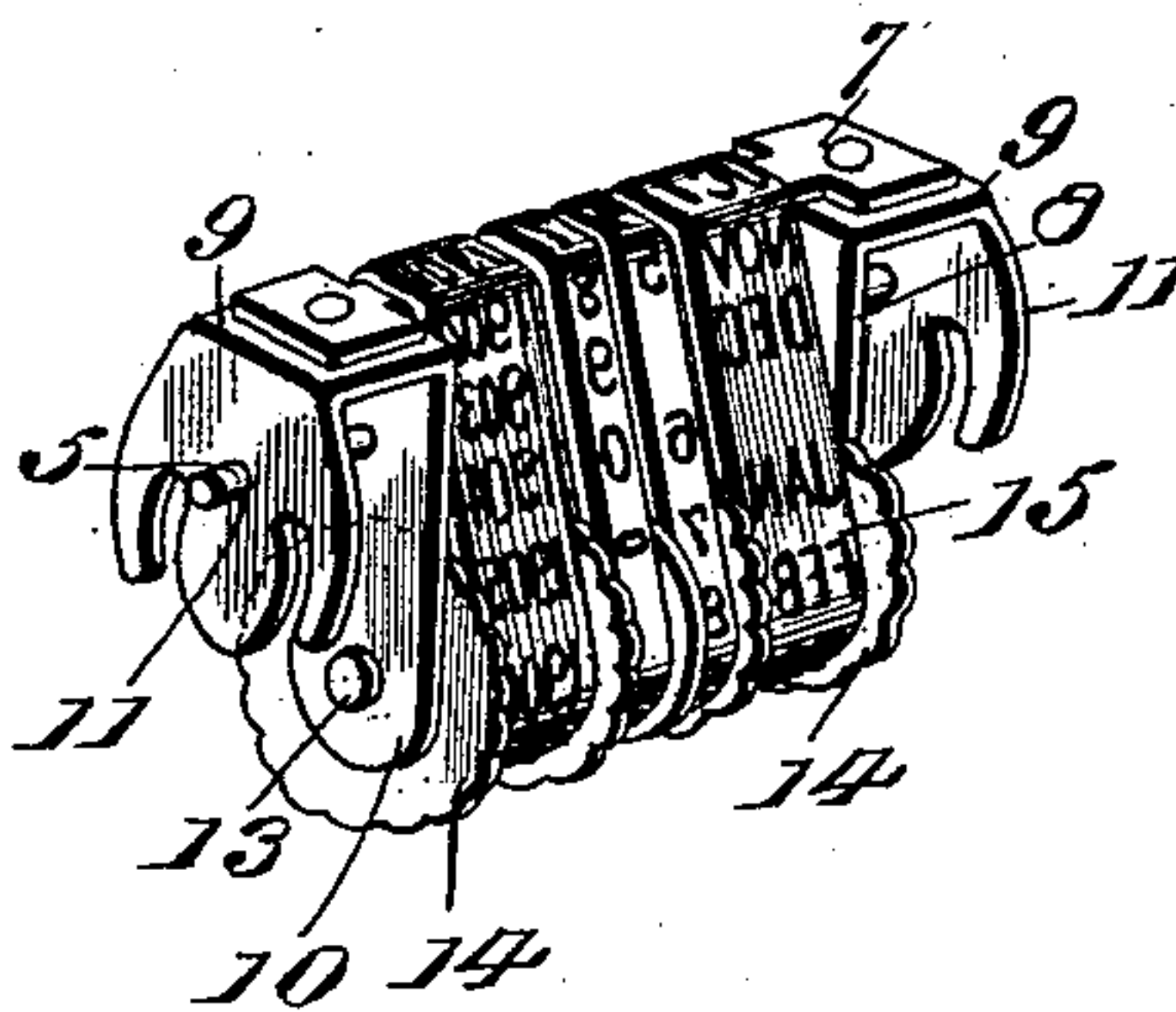
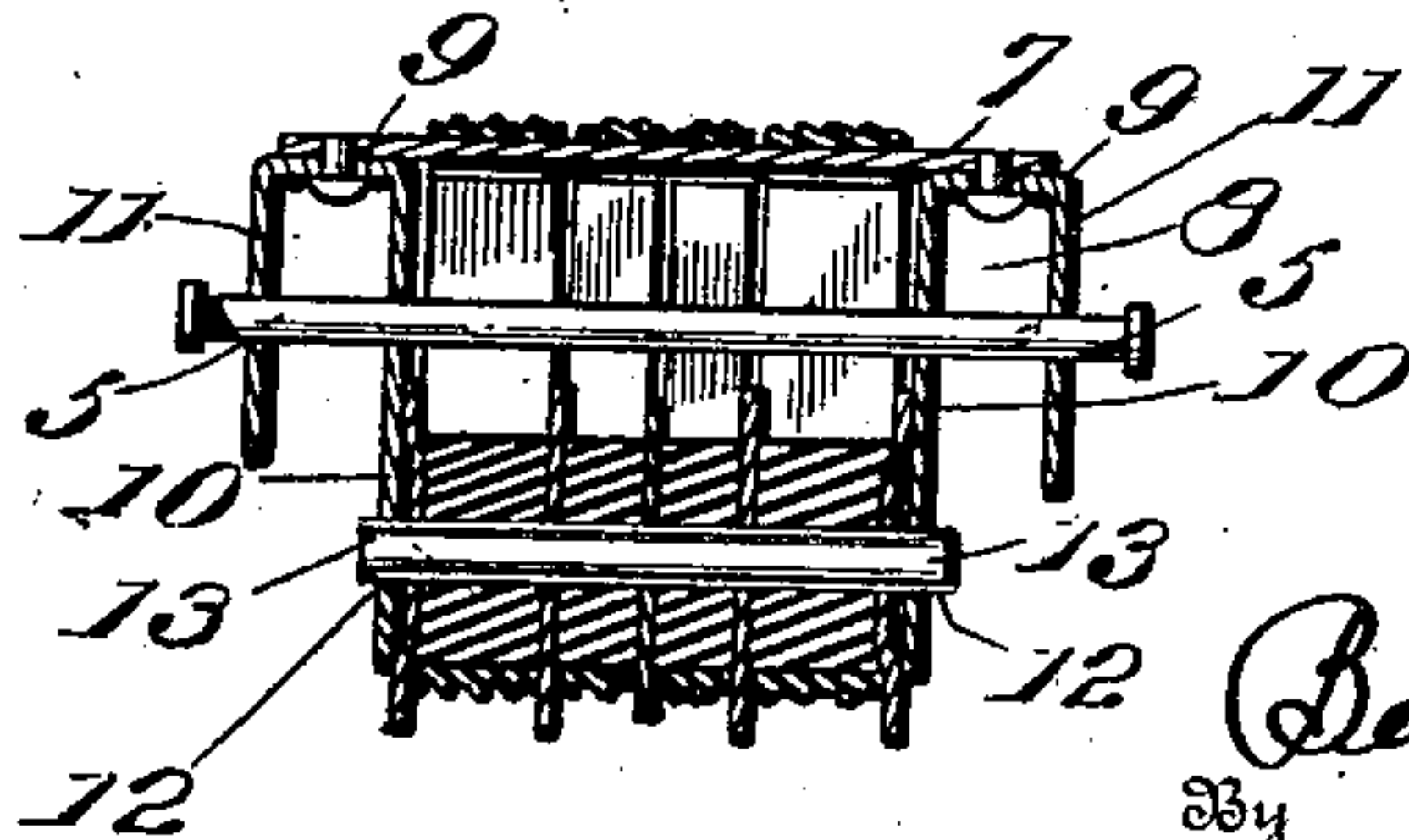


Fig. 4.



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# UNITED STATES PATENT OFFICE.

BENJAMIN B. HILL, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO  
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PENNSYLVANIA, A CORPORATION.

## HAND-STAMP.

SPECIFICATION forming part of Letters Patent No. 742,649, dated October 27, 1903.

Application filed November 7, 1901. Serial No. 81,499. (No model.)

*To all whom it may concern:*

Be it known that I, BENJAMIN B. HILL, a citizen of the United States of America, and a resident of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Hand-Stamps, of which the following is a specification.

This invention relates to an improvement in hand-stamps of that type known as "self-inkers" of the "tumbler" form; and my object is to form a simple and cheap frame for supporting the printing characters.

With this object in view my invention consists in the construction and arrangement of parts, as hereinafter more particularly described and then definitely set forth by the claims at the end hereof.

In the accompanying drawings, which show the preferable form of my invention, Figure 1 is a side elevation. Fig. 2 is a vertical section through the line *xx* of Fig. 1. Fig. 3 is a perspective view of the printing characters and the frames and type-base for supporting the same. Fig. 4 is a vertical transverse section of the parts shown in Fig. 3.

Referring now to the details of the drawings by numerals, 1 represents the frame of the usual hand-stamp, provided with the yoke 3 and handle 4 for depressing the printing characters.

5 indicates a spindle or rod connecting the side arms of the yoke 3 and which also acts as a pivot or axle pin, on which the frame carrying the printing characters is rotated.

The parts so far described are of the character now in common use, but may be of any form desired, as my invention does not reside therein.

The frame for carrying the printing characters comprises a type-base 7, to which is connected at opposite ends thereof, by soldering, riveting, or any approved means, two side frames 8. These side frames have a horizontal member 9, which forms a means of connection with the type-base 7 and also with two sets of arms 10 and 11, extending at right angles

therefrom. Each of the arms 10 is perforated, as seen at 12, and the axle-pin 13 passes from one of the arms to the other through these perforations and forms one of the bearings for the usual type-drums 14. Each of the other arms 11 extends in the same plane with the arms 10 and are formed of the peculiar cam shape shown, with notches or slots 15 therein adapting them to be used as cams, the slots being arranged to coact with studs 16 and 17, projecting from each plate of the main frame 1, so that when the handle 4 is depressed the arms of the yoke 3 will move the spindle or rod 5 downward and through the medium of the cam-shaped arms 11 and the studs 16 and 17 rotate or "tumble" the side frames 8, the drums, &c., so as to make the impression in the usual manner.

I am aware that it is old to provide self-inking hand-stamps with a frame for supporting the printing characters having cams projecting therefrom arranged to rotate the said frame, and therefore do not claim such broadly herein, as my present invention is limited to a stamp in which the frame for carrying the type has its parallel arms and the cams integral with each other.

What I claim as new is—

1. In a hand-stamp, the combination of a main frame, printing characters and a movable support carrying said characters, said support being rotatably mounted in said main frame so as to be "tumbled" and comprising a type-base for said characters and two separate frames connected therewith, one on each side thereof; each of said two last-mentioned frames being formed with two substantially parallel arms; two of said arms aiding in supporting the printing characters and the other two arms forming the means by which said characters are "tumbled," substantially as described.

2. In a hand-stamp, the combination of a main frame having a spindle or rod passing therethrough, printing characters, a support for said characters carried by said spindle so as to be "tumbled" thereon and comprising



two separate frames, one on each side of said printing characters; each of said frames being formed with two parallel arms, one arm of each of said frames aiding in supporting  
5 said printing characters, and the other two arms forming cams by means of which the characters are tumbled; and a type base or bridge rigidly connecting said two frames

around which base or bridge the printing characters pass, substantially as described. 10

Signed by me at Philadelphia, Pennsylvania, this 2d day of November, 1901.

BENJAMIN B. HILL.

Witnesses:

JOHN M. SNYDER,  
ELWOOD WINTERBOTTOM.