

No. 624,020.

Patented May 2, 1899.

J. A. HEANY.  
HAND STAMP.

(Application filed Mar. 22, 1898.)

(No Model.)

Fig:1.

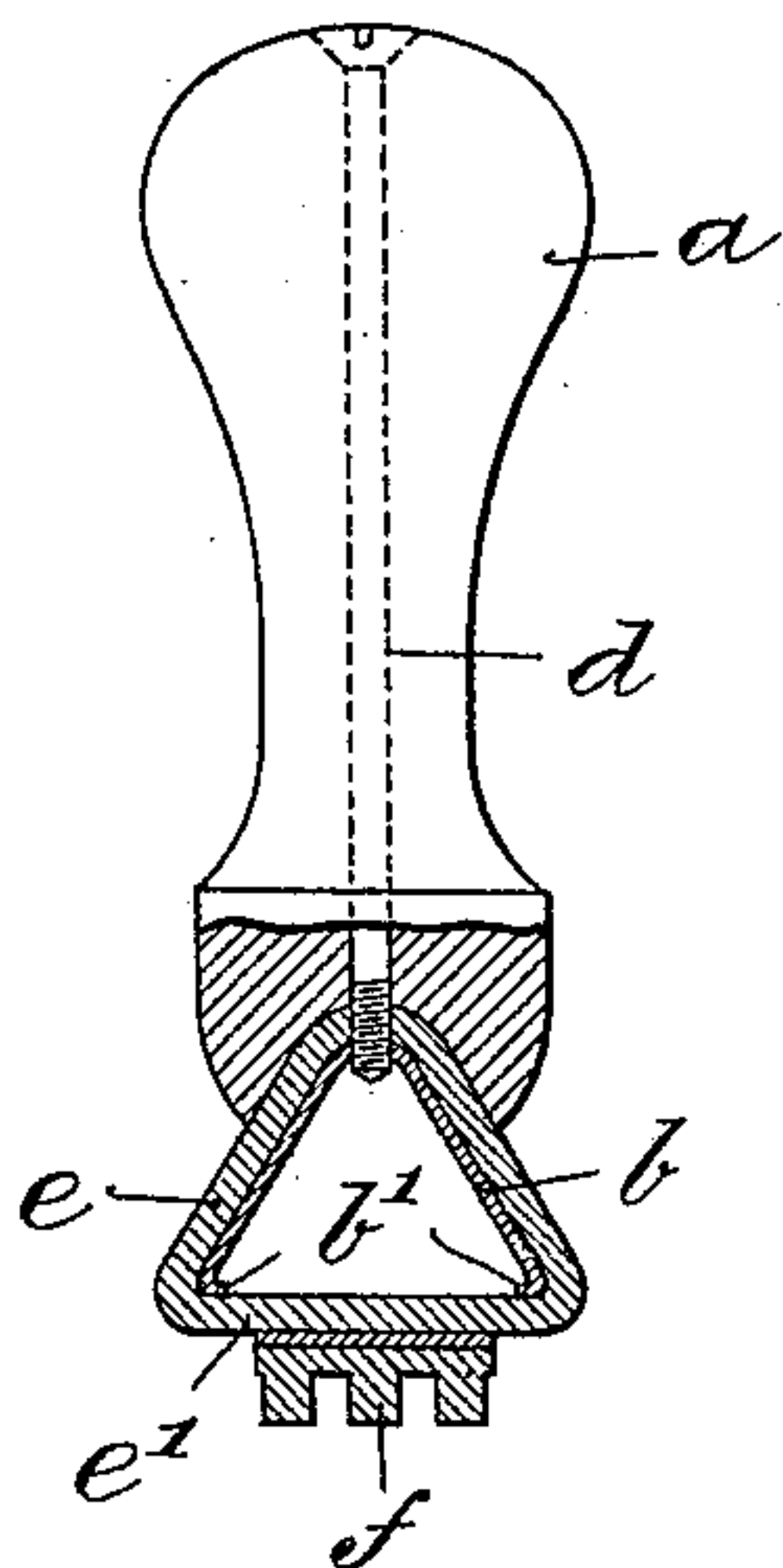


Fig:2.

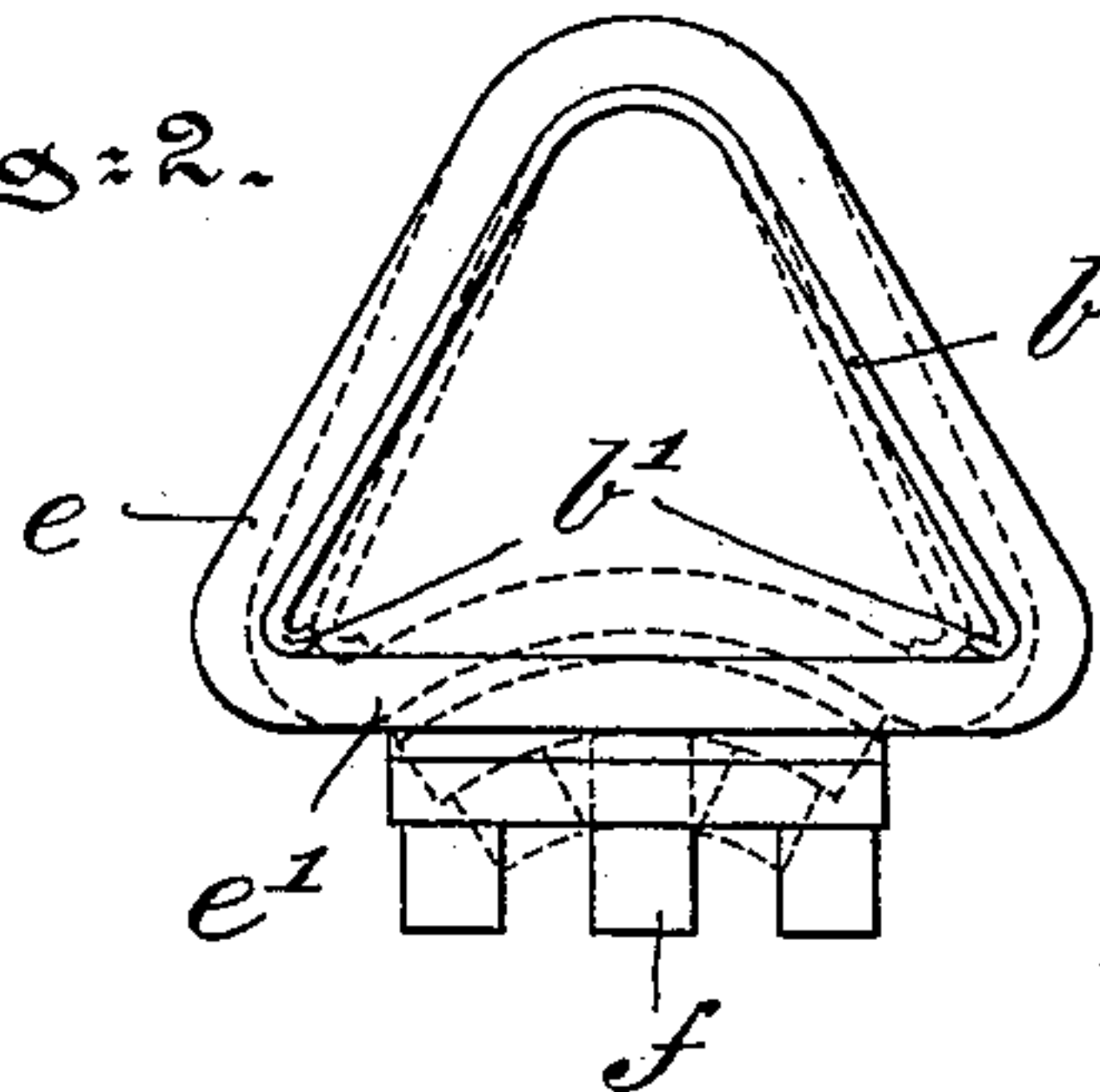


Fig:3.

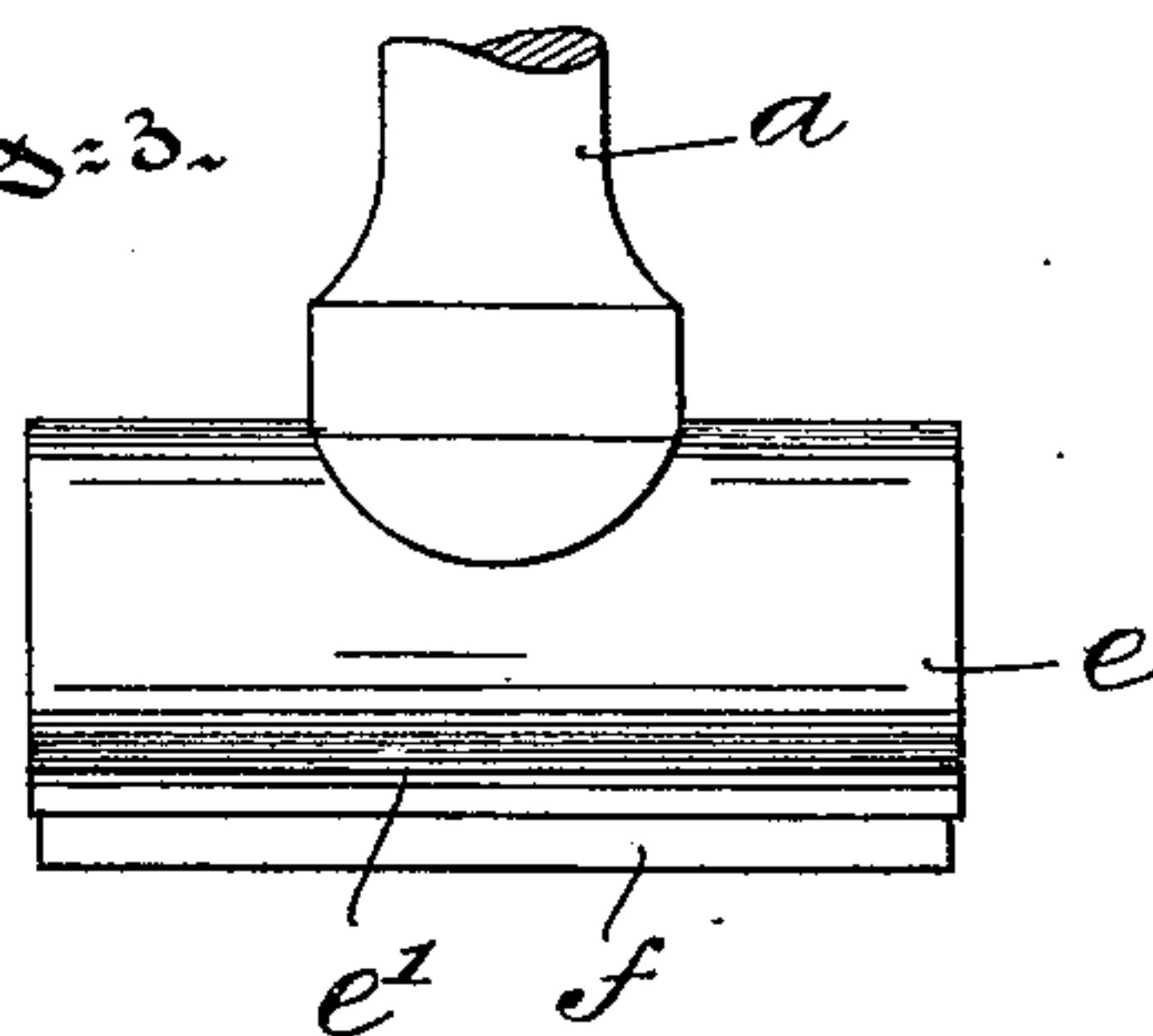
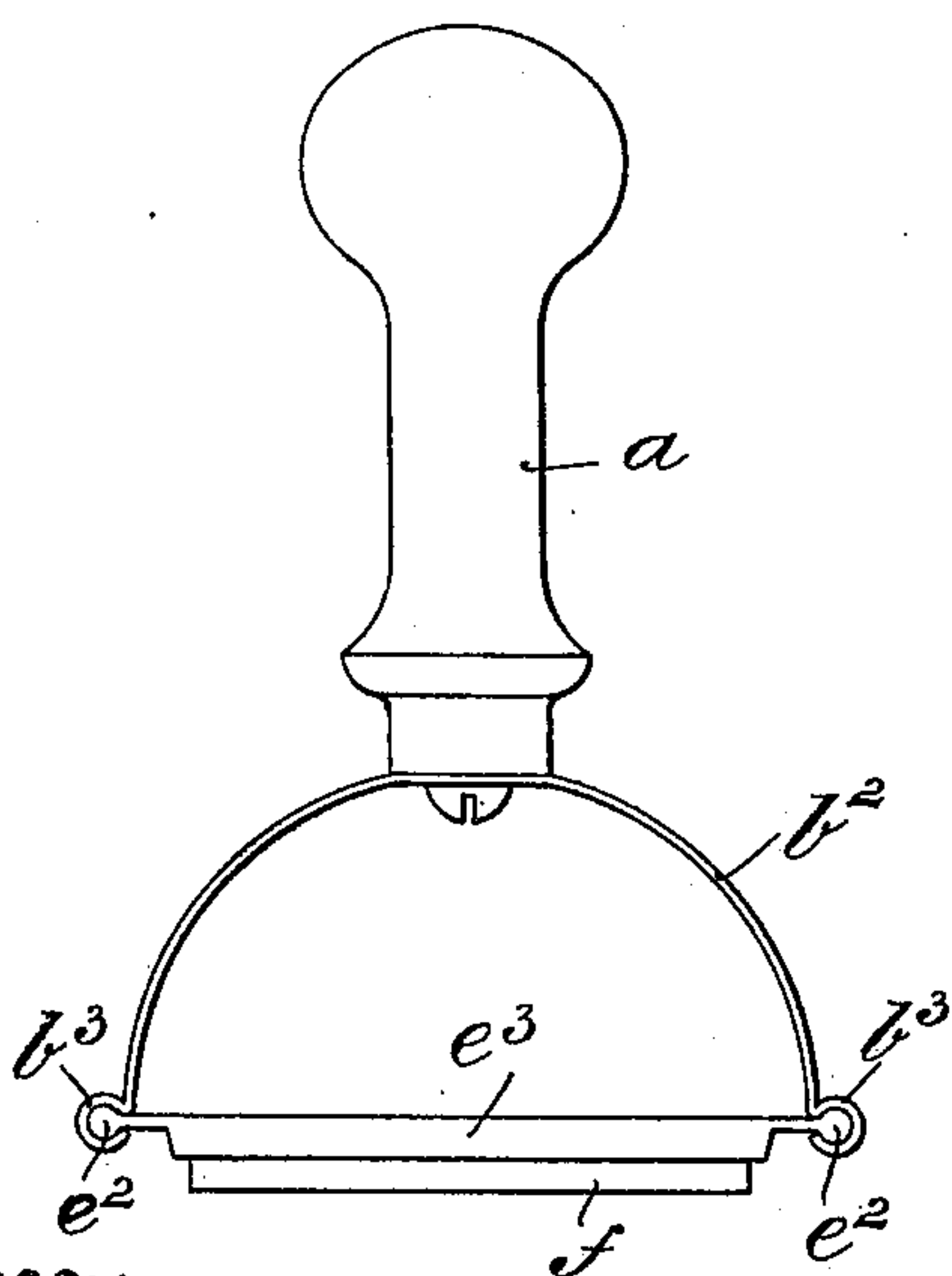


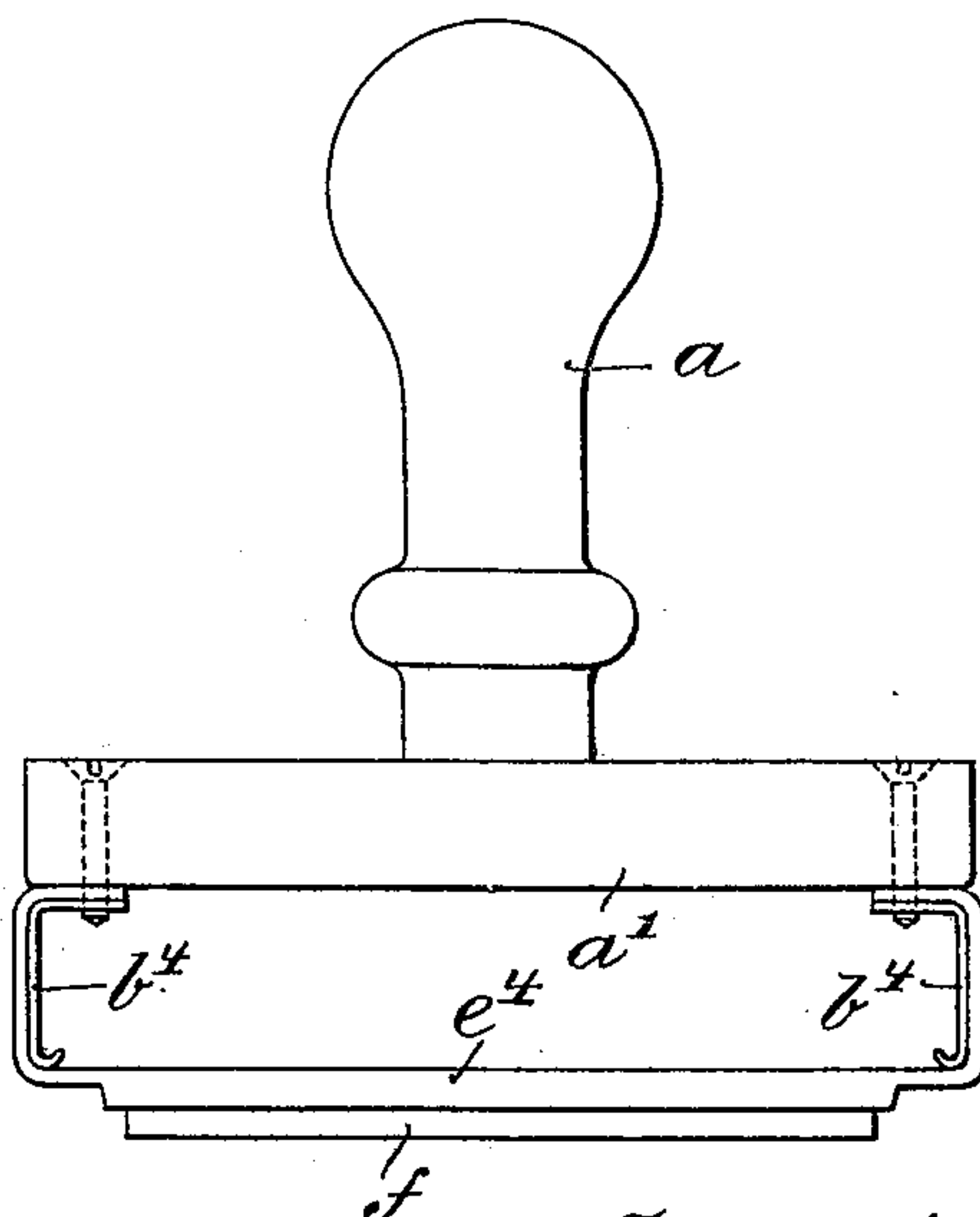
Fig:4.



Witnesses:

Richard C. Maxwell.  
Thomas M. Smith.

Fig:5.



Inventor:  
John A. Heany  
By J. Walter Douglas  
Attorneys.

# UNITED STATES PATENT OFFICE.

JOHN A. HEANY, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO  
J. WALTER DOUGLASS, OF SAME PLACE.

## HAND-STAMP.

SPECIFICATION forming part of Letters Patent No. 624,020, dated May 2, 1899.

Application filed March 22, 1898. Serial No. 674,760. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN A. HEANY, a citizen of the United States, residing at the city 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.

My invention has relation to a hand-stamp of the type known as "rubber stamps," and in such connection it relates particularly to the construction and arrangement of such a stamp.

The principal object of my invention is to provide a hand-stamp the printing-face and frame or support of which are both flexible, whereby in use the printing-face may be readily and accurately presented to the surface to be printed upon irrespective of the fact whether or not the surface is flat, slightly rounded, or angular.

My invention consists of a hand-stamp comprising a handle, a yielding frame or support united to the handle, and a flexible strip carried by the frame and upon which the type-surface is mounted.

My invention further consists of a hand-stamp constructed and arranged in substantially the manner hereinafter described and claimed.

The nature and scope of my invention will be more fully understood from the following description, taken in connection with the accompanying drawings, forming part hereof, in which—

Figure 1 is an end elevation, partly sectioned, of a hand-stamp embodying the main features of my invention. Fig. 2 is an end elevation, enlarged, of the yielding frame, elastic strip, and type-surface, showing in full and in dotted lines certain positions occupied by these parts in printing upon a flat and a rounded surface. Fig. 3 is a side elevational view of Fig. 1, and Figs. 4 and 5 are side elevational views of modified forms of the stamp illustrated in Figs. 1 and 2.

Referring to Figs. 1, 2, and 3 of the drawings, *a* represents the handle, and *b* the yielding frame, of the stamp, adapted to be united together by a screw or pin *d*. This frame *b*,

which is formed, preferably, of spring metal, is angular or inverted-V shaped in cross-section and is yielding only in a horizontal direction. Around this frame *b* is placed an endless elastic strip *e*, preferably of rubber and which in cross-section is triangular. On that face *e'* of the elastic strip *e* which bridges the bottom of the frame *b* is secured the type-face *f*. To prevent the exposed ends of the yielding frame *b* from cutting into the strip *e*, these ends are preferably rounded, as at *b'*.

In the operation of this stamp, as shown at Fig. 2, when the type-surface is to be pressed against a rounded or angular surface the parts assume the position indicated by dotted lines in said figure—that is, the elastic strip *e* and the type-surface *f* are bellied inward and the yielding frame *b* is compressed laterally until it assumes a more acute angular shape in cross-section. It will thus be seen that both frame *b* and elastic strip *e* will yield during the imprinting.

In the modified form of stamp shown in Fig. 4 the frame *b*<sup>2</sup> is of a semitubular shape, the exposed ends being provided with a beading *b*<sup>3</sup>, into which the edges *e*<sup>2</sup> of the flat elastic strip *e*<sup>3</sup> are inserted and from which they are easily removed.

In Fig. 5 a modification is shown in which the handle *a* is secured to a block *a'*, and from the under surface of this block *a'* depends the elastic strip *e*<sup>4</sup>, the printing-surface of which is held some distance below the block *a'* by the yielding end arms *b*<sup>4</sup>, of spring metal.

In both of the modifications pressure upon the type-surface *f* will cause the elastic strip *e*<sup>3</sup> or *e*<sup>4</sup> to yield and will also cause the frame *b*<sup>2</sup> or arms *b*<sup>4</sup> to bend laterally in substantially the manner as does the elastic strip *e* and the yielding metal frame *b*. (Illustrated in Figs. 1, 2, and 3.)

Having thus described the nature and object of my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A hand-stamp, comprising a handle, a frame or support united thereto and yielding in a horizontal direction, and an elastic strip carried by said frame and supporting the type-surface, substantially as and for the purposes described.



2. A hand-stamp, comprising a handle, a yielding frame of angular cross-section and united to the handle, an endless elastic strip surrounding said frame and of triangular cross-section and a type-surface connected with the face of said strip and bridging the opening of said frame, substantially as and for the purposes described.

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

JOHN A. HEANY.

Witnesses:

J. WALTER DOUGLASS,  
THOMAS M. SMITH.