

No. 624,932.

Patented May 16, 1899.

**J. A. HEANY.
HAND STAMP.**

(Application filed Apr. 27, 1898.)

(No Model.)

Fig: 1.

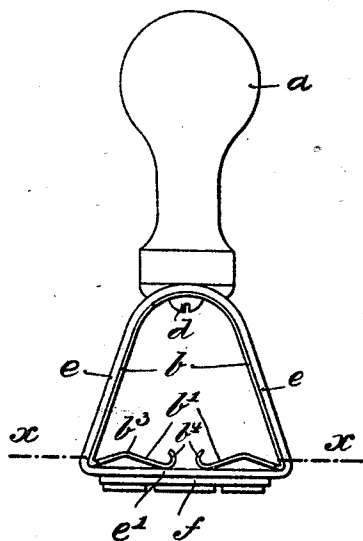


Fig: 2.

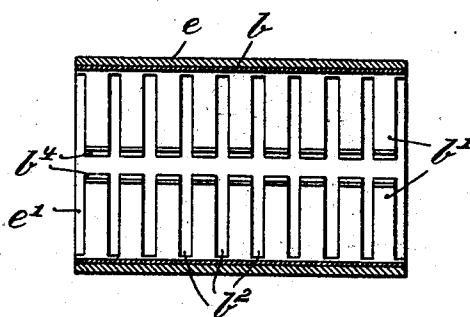


Fig: 3.

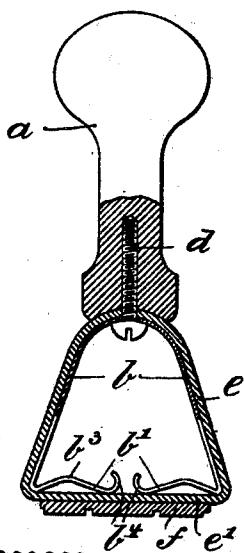
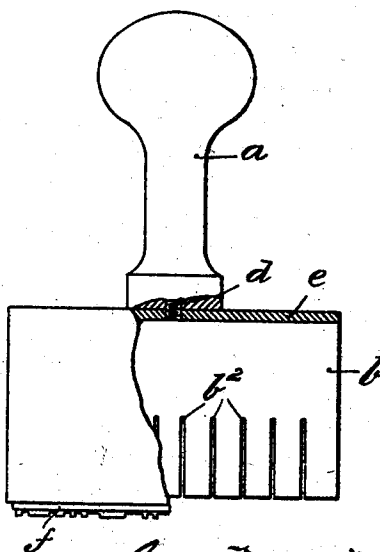


Fig: 4.



Witnesses:
Thomas M. Smith.
Richard C. Maxwell.

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. 624,932, dated May 16, 1899.

Application filed April 27, 1898. Serial No. 678,955. (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-
5 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 more particularly to the construction and arrangement of such a stamp.

The present invention is an improvement upon the invention described and claimed in an application for Letters Patent filed by me under date of March 22, 1898, and serially numbered 674,760.

The principal object of my invention is to provide in such a hand-stamp a supporting-frame, flexible horizontally and of substantially triangular cross-section, the base of said supporting-frame being formed of projecting curved fingers or prongs flexible in a vertical
25 direction, and upon the supporting-frame as thus constructed is arranged a strip of rubber or similar flexible material, that portion of the strip which rests upon the fingers or prongs of the base being provided with the type-surface, whereby in use the type-surface may be readily and accurately presented to the surface to be printed upon irrespective of the fact whether or not the surface be flat, angular, rounded, or uneven.

My invention, stated in general terms, consists of a hand-stamp constructed and arranged in substantially the manner herein after 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 of a hand-stamp embodying the main features of my invention. Fig. 2 is a horizontal section on the line *xx* of Fig. 1, looking downward. Fig. 3 is a vertical cross-sectional view of Fig. 4, and Fig. 4 is a side elevational view of the
50 hand-stamp having the outer flexible endless

strip partly broken away to more clearly show the inner flexible frame of my improved hand-stamp.

Referring to the drawings, *a* represents the handle, and *b* the flexible supporting-frame, adapted to be united together by a screw or pin *d*. The frame *b* is formed, preferably, of spring metal and is substantially triangular in cross-section, the base of which is formed by a series of oppositely-projecting spring fingers or prongs *b'*, which, if desired, may be formed by slotting the sides, as at *b*², and continuing the divisions thus formed at an angle to the sides to form the base, as clearly shown in Figs. 3 and 4. The frame *b* is flexible in a horizontal direction, and its base, formed by the prongs *b'* which are preferably arched, as at *b*³, is also flexible in a vertical direction.

Around the frame *b* is stretched an endless strip *e*, of preferably india-rubber or similar flexible material and of triangular cross-section. On that face *e'* which rests against the prongs *b'* of the frame *b* is secured the type-face *f*. To prevent the prongs *b'* from cutting into the face *e'* of the strip *e*, they are formed, preferably, as shown in Figs. 1 and 2—that is to say, they are upwardly curved, as at *b*⁴.

In the operation of the stamp, when the type-surface *f* is presented against a rounded or angular surface the slotted sides of the supporting-frame *b* approach each other, moving in a horizontal direction, and at the same time the strip *e*, type-surface *f*, and prongs *b'* bend upwardly in a vertical direction. It will thus be seen that the frame *b* has a double yielding motion during operation and that the base *e'* of the strip *e*, which carries the type-surface *f*, is supported by the yielding prongs *b'* during imprinting upon a surface, whether flat, angular, rounded, or uneven.

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

A hand-stamp comprising a handle, a flexible supporting-frame substantially triangular in cross-section and united to the handle, oppositely-arranged spring-prongs forming the base of said frame, an endless flexible strip placed around said frame and a type-

surface secured to said strip directly below
the spring-prongs of said frame, all arranged
so that in printing the frame is flexible in a
horizontal direction, and the prongs, strip
5 and type-surface are flexible in a vertical di-
rection, substantially as and for the purposes
described.

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

JOHN A. HEANY.

Witnesses:

J. WALTER DOUGLASS,
THOMAS M. SMITH.