No. 630,222. Patented Aug. 1, 1899.

J. A. HEANY.

HAND STAMP.

(Application filed Jan. 24, 1899.)

(No Model.)

Fig. 1.

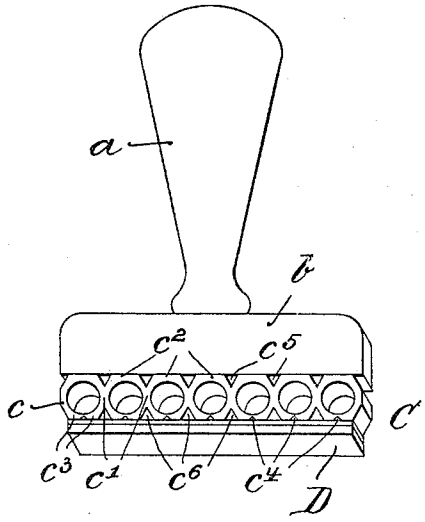


Fig. 2.

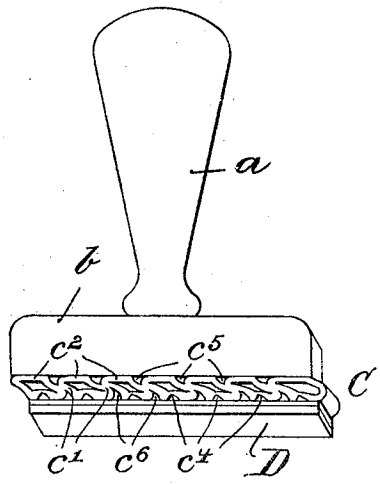


Fig. 3.

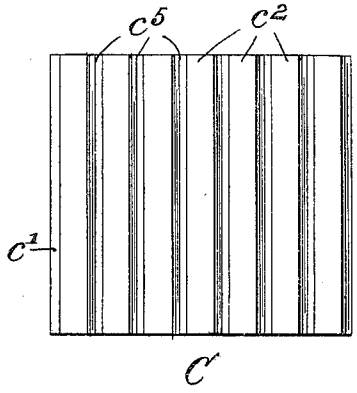


Fig. 4.

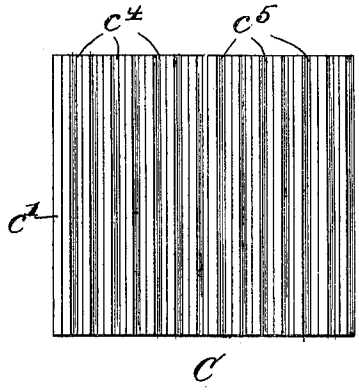


Fig. 5.

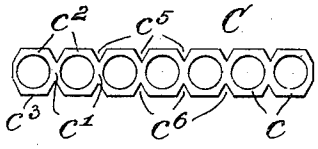
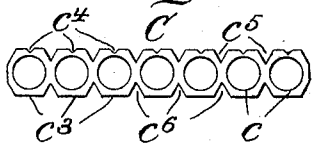


Fig. 6.



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UNITED STATES PATENT OFFICE.

JOHN A. HEANY, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR OF ONE-HALF TO WILLIAM L. TETER, OF SAME PLACE.

HAND-STAMP.

SPECIFICATION forming part of Letters Patent No. 630,222, dated August 1, 1899.

Application filed January 24, 1899. Serial No. 703,226. (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 a "rubber stamp" for deriving impressions therefrom and of the type in which the type or printing-face and the support for the same are both flexible and the support so arranged as to yield transversely, or substantially so, to the direction of exerted pressure of the stamp in deriving the imprint or impression from the said type or printing-face of the stamp.

The principal object of my invention is to provide a simple, durable, and inexpensive hand-stamp for various purposes and one so constructed and arranged as that in use it is adapted to afford accurate impressions from the entire printing-face of the stamp irrespective of whether the surface to receive such an imprint or impression is uneven, flat, round, or angular.

My invention, stated in general terms, consists of a hand-stamp substantially as hereinafter described and claimed.

The nature and scope of my present 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 a perspective view of a hand-stamp embodying particular features of my invention ready for use. Fig. 2 is a similar view showing the stamp with its flexible support in a position while being used to obtain accurate impressions from the type or printing-face of the stamp whether the surface to receive such imprint is uneven, flat, partially round, or angular. Figs. 3 and 4 are top or plan views of two different forms of the material to constitute the mat-like flexible tubular support for the type or printing-face of the stamp, and Figs. 5 and 6 are respectively end views of the same.

Referring to the drawings, *a* represents a handle suitably secured to an oblong or other shape base *b*.

C is a flexible and yielding tubular support, of rubber or the like, which consists of a series of integral horizontally-disposed tubes *c*, each separated from the other by a partition *c'* and forming a tubular mat-like support. The surface on one side of each tube of the series of the support is flat, as at c^2, while the other side c^3 is grooved at c^4, as illustrated in Figs. 4 and 6. The partition between two tubes of the series of the flexible and yielding support C as viewed in cross-section is so arranged as to provide substantially V-shaped grooves c^5 and c^6 between the tubes from both faces of the support to facilitate, when pressure is exerted in a downward direction upon the stamp, an accurate impression without regard to the character of the surface to receive such impression—that is, whether the surface is flat, round, angular, or otherwise.

In Figs. 3 and 5 the flexible and yielding support C differs from that hereinbefore explained in that the groove c^4, formed in one face of each tube of the series of the support, is omitted and the surface is flat on both sides; but the substantially V-shaped grooves c^5 and c^6 between every two tubes of the series of the support are retained for affording the degree of yield for accurate impressions—for example, as illustrated in Fig. 2, when pressure is exerted on the stamp in a downward direction, or substantially so, to derive an impression from the stamp. D is the type printing-face cemented or otherwise secured to the tubular support C. The support C, it will be understood, is secured by being cemented or in any other manner to the base *b*, having the fixed or removable handle *a*. It is to be observed from Figs. 1 and 2 of the drawings that it matters not whether pressure downward is exerted carelessly or guardedly by reason of the peculiar formation of the tubular support C of the form of either Figs. 3 and 5 or Figs. 4 and 6 the same degree of accuracy of impression will be obtained without regard to the shape or condition of the surface to receive the impression from the stamp.

Having thus described the nature and ob-

ject of my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A hand-stamp having a base, a flexible and yielding support having one surface secured to said base and a type or printing-face secured to the other surface of said support, said support consisting of a series of polygonal tubes united together at contiguous angles to form angular spaces between the series of tubes of said support, substantially as and for the purposes described.

2. A hand-stamp having a base, a flexible and yielding support, consisting of a series of integral horizontally-disposed tubes separated from each other by an offset partition from each face of the tubes of said support and a groove formed in one face of each tube and extending the length thereof and a type or printing-face secured to said support, 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.