No. 679,290. Patented July 30, 1901.

C. A. BREWER.

HAND STAMP.

(Application filed Oct. 16, 1900.)

(No Model.)

Fig. 1.

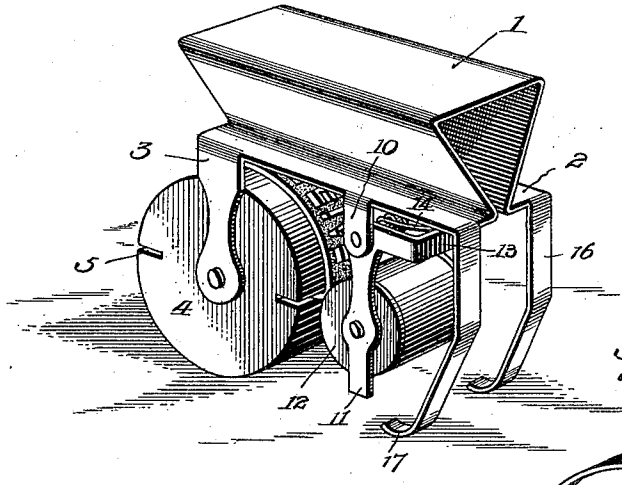

Fig. 3.

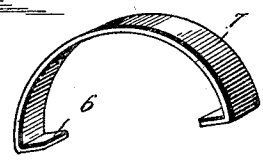

Fig. 2.

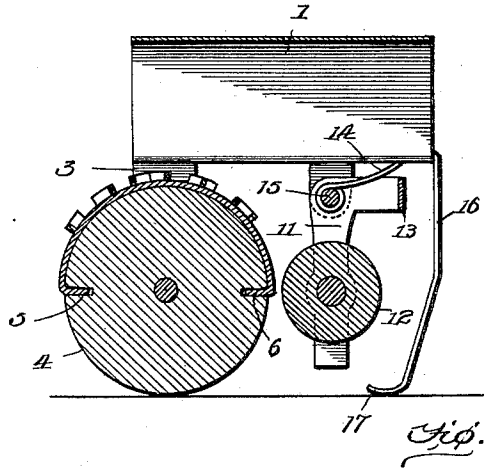

Fig. 6.

Fig. 4.

Fig. 5.

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Witnesses:

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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

CHARLES A. BREWER, OF NOROTON HEIGHTS, CONNECTICUT.

HAND-STAMP.

SPECIFICATION forming part of Letters Patent No. 679,290, dated July 30, 1901.

Application filed October 16, 1900. Serial No. 33,270. (No model.)

To all whom it may concern:

Be it known that I, CHARLES A. BREWER, a citizen of the United States, residing at Noroton Heights, in the county of Fairfield and State of Connecticut, have invented new and useful Improvements in Hand-Stamps, of which the following is a specification.

This invention relates to new and useful improvements in hand-stamps; and its primary object is to provide a device of simple construction having an ink-roller whereby the type employed may be inked automatically.

A further object is to provide means whereby the type may be readily removed and replaced and whereby the rollers employed may be detached from the frame of the stamp.

With these and other objects in view the invention consists in providing a frame, preferably struck up from a single sheet of metal, having arms, between two of which is journaled a roller. This roller is provided within opposite sides with grooves adapted to receive the inwardly-turned ends of semicylindrical holders, within which type are adapted to be detachably secured. An ink-roller is journaled within a frame which is hinged to the main frame of the device, and a spring is provided whereby said roller is held normally in the path of the type.

The invention also consists in certain novel features of construction and combination of parts, which will be hereinafter fully described and claimed, and illustrated in the accompanying drawings, showing the preferred form of my invention, and in which—

Figure 1 is a perspective view of the device. Fig. 2 is a longitudinal section. Fig. 3 is a perspective view of a modified form of type-holder. Fig. 4 is a plan view of the preferred form. Fig. 5 is a transverse section therethrough. Fig. 6 is a perspective view of a type.

Referring to the drawings by numerals of reference, 1 is a handle or grip, preferably triangular in cross-section and forming the body of the frame of the stamp. Flanges 2 extend from opposite sides of this grip, at the lower edge thereof, and are provided at their forward ends with downwardly-extending arms 3, between which is journaled a roller 4. This roller is provided in diametrically opposite sides with grooves 5 for the reception of the inwardly-turned ends 6 of a substantially semicylindrical holder 7. This holder is formed in one piece of metal having a groove or channel 8 in its convex surface adapted to receive the type 9. These type are provided with flanges at the opposite edges thereof, which are adapted to slip beneath the overhanging edges of the channel 8, thereby holding the type in position. The strips 7 may be of any desired width, and it is obvious that one or more may be placed upon the roller 4, if desired. Each flange 2 is provided at a point between its ends with a downwardly-extending arm 10, and between these arms is pivoted an L-shaped frame 11, the downwardly-extending arms of which serve as bearings for an inking-roller 12. The intermediate portion 13 of the frame is normally contacted by a spring 14, which is coiled about the pivot-pin 15 of the frame 11. This spring serves to hold the inking-roller normally within the path of the type 9. This roller may be formed of any suitable material, preferably having a working face formed of an absorbent. Legs 16 extend from the rear ends of the flanges 2, and the lower ends thereof are inwardly curved, as at 17, forming runners. These legs serve to support the inking-roller 12 out of contact with the table or other device upon which the stamp is located. They also permit the device to be carried in the pocket without soiling the same.

It will be seen that the type 9 may be readily slipped from the channeled holders and any desired characters substituted therefor.

Where a type-holder such as illustrated in Fig. 3 is employed, the type are glued or otherwise secured to the face of the holder, thereby doing away with the channeled face.

In the foregoing description I have shown the preferred form of my invention, though I do not wish to be understood as limiting myself thereto, as I am aware that modifications may be made therein without departing from the principle or sacrificing any of the advantages of this invention, and I therefore reserve to myself the right to make such changes as clearly fall within the scope thereof.

Having thus described the invention, what is claimed, and desired to be secured by Letters Patent, is—

1. The combination with a frame having a grip thereon and arms depending therefrom; of a roller journaled between the arms, a type-holder detachably secured to the roller, type upon the holder, an inking-roller, a movable frame thereto, means for holding the inking-roller normally in contact with the type-roller, and legs to the frame of the type-roller extending below the inking-roller.

2. The combination with a frame having a grip thereon; of a roller journaled below the grip, a type-holder detachably secured to the roller, type upon the holder, an inking-roller, means for holding said inking-roller normally in contact with the type-roller, and legs to the frame of the type-roller extending below the inking-roller.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES A. BREWER.

Witnesses:

RALPH HINDLEY,

CHAS. W. GOFF.