

H. S. FOLGER & A. M. COMSTOCK.

HAND STAMP.

APPLICATION FILED JUNE 20, 1912.

1,053,803.

Patented Feb. 18, 1913.

Fig. 2.

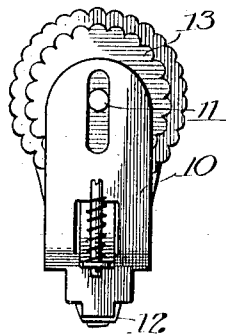


Fig. 1.

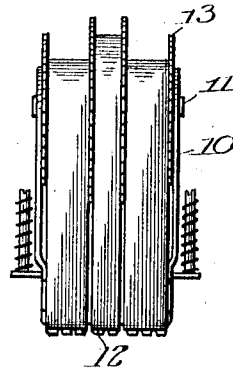


Fig. 3.

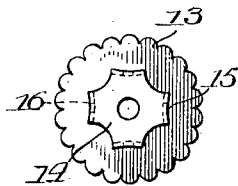


Fig. 4.

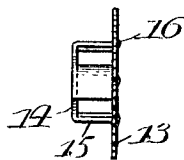


Fig. 5.

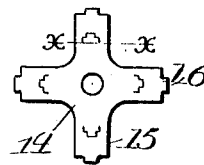


Fig. 8.

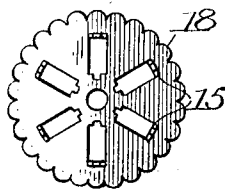


Fig. 7.

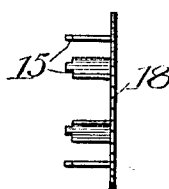


Fig. 6.

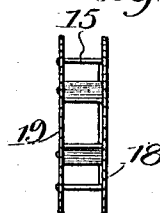
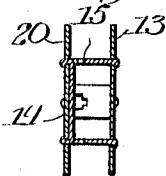


Fig. 9.



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UNITED STATES PATENT OFFICE.

HARRY S. FOLGER, OF CHICAGO, ILLINOIS, AND ASA M. COMSTOCK, OF MUSKEGON, MICHIGAN, ASSIGNORS TO HARRY S. FOLGER AND OSCAR ROMEL, TRUSTEES, OF CHICAGO, ILLINOIS.

HAND-STAMP.

1,053,803.

Specification of Letters Patent.

Patented Feb. 18, 1913.

Application filed June 20, 1912. Serial No. 704,724.

To all whom it may concern:

Be it known that we, HARRY S. FOLGER and ASA M. COMSTOCK, citizens of the United States of America, and residents of Chicago, county of Cook, State of Illinois, and of Muskegon, Muskegon county, State of Michigan, respectively, have invented certain new and useful Improvements in Hand-Stamps, of which the following is a specification.

Our invention relates to hand stamps and more particularly to the wheels for carrying the date line bands.

The object of the invention is improvement in such wheels.

In the accompanying drawings Figure 1 is a side elevation of the dating attachment of a hand stamp; Fig. 2 is an elevation of the same; Fig. 3 is an end elevation of one of the smaller of the wheels for carrying the date bands; Fig. 4 is a side elevation of Fig. 3; Fig. 5 is a blank from which a part of the wheel shown in Figs. 3 and 4 is constructed; Fig. 6 is an elevation of the larger one of the date band wheels; Fig. 7 is a similar elevation of a part of the wheel showing the arms upon which the date band is carried; Fig. 8 is a face of Fig. 7 and Fig. 9 is a sectional elevation of a wheel like Fig. 4 having an extra flange like Fig. 6.

In the said drawings 10 represents the form in which is mounted a spindle 11 upon which spindle are carried the wheels for supporting and moving the date bands 12. The general construction of the attachment being well known we will describe only the construction of the wheels by which the bands are moved.

Referring to Figs. 3, 4 and 5, 13 is a disk upon which is secured a spider 14 having arms 15, which arms are secured to the disk 13 by riveting as shown at 16 in Fig. 4. This spider is formed by a single piece of sheet metal stamped out in the form shown in Fig. 5 and having its several arms bent at right angles at a point designated by the line X—X. The smaller projections 16 by which the spider is riveted to the disk are formed in the blank when it is stamped out. In Fig. 3 the thickness of the metal in the

spider is shown in dotted lines. It will be seen by inspection of Fig. 3 that these arms 15 are concave exteriorly. When a band is mounted upon these arms 15 the projecting corners of the arms are in the nature of the teeth of a wheel which bear at points on the inside of the band and thereby furnish driving contact between the wheel and the band. The object of this is to prevent the band from slipping when the wheel is turned by hand and also to prevent the band from being accidentally displaced on the wheel when the said wheel is stationary.

Referring now to Figs. 6, 7 and 8 representing the larger size of wheels, the arms 15 are punched out of a disk 18 and are riveted to another disk 19 in the same manner that wheel 14 is riveted to the disk 13. These arms are shown as all punched from one of the disks as 18, but it will be obvious that part of them may be punched from the disk 18 and another part of them may be punched from the disk 19. The arms in this case simply serve as an interrupted driving surface for the type band carried thereon.

The construction shown in Fig. 9 will be largely self explanatory from what has been previously given. In this case the spider 14 with arms 15 is secured to the disk 13 in the same manner as illustrated in Figs. 3 and 4. In addition to this another disk 20 is fastened to the back of the spider 14 by smaller riveting ends which are punched out of the arms 15 as shown in dotted lines on one of said arms in Fig. 5. This projection is cut into the arm so that the termination of the cut corresponds to the line X—X at which the arm is bent. This small projecting piece is bent in the reverse direction from which the arm itself is bent and furnishes the means for riveting the disk 20 to the spider 14.

What we claim is:—

1. In a hand stamp, a band wheel having its band supporting portion in the nature of a toothed wheel, the teeth of which consists of a series of arms separated by vacant spaces furnishing no intermediate support for the band, and said wheel having a flange

by means of which the wheel is manually turned to adjust the position of the band supported on the arms.

2. In a hand stamp, a band wheel consisting of a disk having a spider secured to one side thereof and serving as a band carrying support, the spider arms being exteriorly concave so that the band carried thereon will rest upon projecting surfaces twice as numerous as the arms of the spider.

Signed at Chicago, Illinois this 10th day of June 1912. Muskegon, Mich. June 1912.

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
