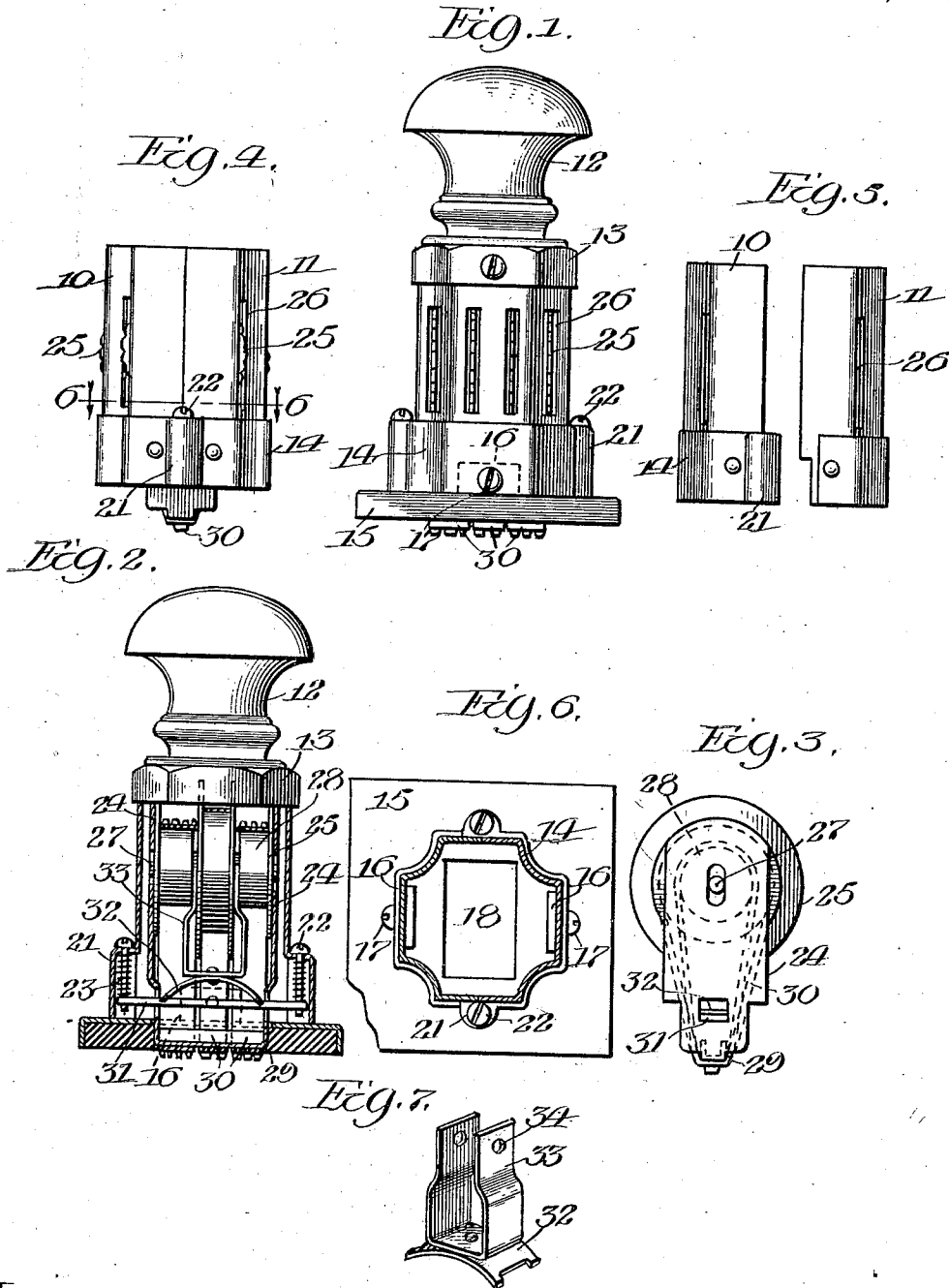


H. S. FOLGER & A. M. COMSTOCK.
HAND STAMP.

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1,011,044.

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Witnesses
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UNITED STATES PATENT OFFICE.

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

HAND-STAMP.

1,011,044.

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Patented Dec. 5, 1911.

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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, respectively, of Chicago, county of Cook, and State of Illinois, and Muskegon, county of Muskegon, and State of Michigan, have invented certain new and useful Improvements in Hand-Stamps, of which the following is a specification.

Our invention relates to hand stamps and has for its object improvements in such devices.

In the accompanying drawings Figure 1 is an elevation; Fig. 2 is a sectional elevation similar to Fig. 1; Fig. 3 is an end elevation of the band supporting devices; Fig. 4 is an elevation at right angles to Fig. 1 with upper and lower parts removed; Fig. 5 is an elevation of the two halves of the inclosing case; Fig. 6 is a section on line 6-6 of Fig. 4; and Fig. 7 is an enlarged perspective view of the spring used to maintain tension on the bands.

The inclosing case consists of halves 10 and 11 secured together at the top by a cap 13 to which is secured a handle 12. The bottom of the case is reinforced by a band 14 made in halves, and is secured to the die-plate 15 by means of lugs 16 and screws 17. In the center of the die-plate 15 is a rectangular opening through which the type bands 30 project for printing the date line.

One of the halves of the reinforcing band 14 is pressed outward into a semi-cylindrical form 21 for the purpose of containing and inclosing the bodies of the screws 22 and springs 23. Inside of the casing is a band-holding frame 24, and running through the sides of this frame is a shaft 27 on which are mounted rolls 28. The lower part of the band-holding frame consists of a transverse bar 29 which is preferably integral with the sides of the band-holding frame 24. Mounted upon the rolls 28 and the bar 29 are the type bands 30. Secured separately to the different rolls 28 and wheels 25 which project through opening 26 in the casing and serve as means for adjusting the type bands.

Above the bar 29 is a loose transverse bar 31 which projects beyond each of the upward legs of the band holding frame 24. Resting on top of this transverse bar 31 is a spring 32 secured to the upper part of

which are legs 33 having holes 34 through which the shaft 27 passes. The holes in the vertical legs of the band holding frame 24 are slotted as shown in Fig. 3 so as to permit the rolls with the shaft 27 to move vertically in the frame 24. The spring 32 with its legs 33 are so related to the rolls 28 and the transverse bar 29 and also to the length of the bands 30 that said spring will maintain the bands under a uniform tension. Heretofore in dating devices of this character, the bands became loose after a time and it was not easy or convenient to shift them when it was desired to shift them, and they are liable to displacement on account of their looseness. By this adjustment the bands are always given a uniform tension and as there is a friction which will prevent the bands from being readily displaced, they will be normally held in their desired position. If, for any reason, the bands should stretch so that sufficient tension should not be maintained, the spring 32 may be given additional tension so as to maintain the tension at any desired amount.

The outer ends of the transverse bar 31 enter the semi-cylindrical parts of the reinforcing band 14 and have tapped ends for engagement by the screws 22. By adjusting the said screws 22, the bar 31 may be raised and as this bar is connected through spring 32 and the legs 33 to the band holding parts, such adjustment will serve to raise the band holding frame 24 and the parts supported thereby. The springs 23 surrounding the screws 22 extend between the upper part of the cylindrical casing for the said screw and the outer ends of the loose bar 31. The result of this spring action is to force the band holding frame 24 as far downward as the screws 22 will permit it to move while at the same time the said springs serve as a yielding backing to permit the frame 24 to slide inward in the casing.

What we claim is:—

1. In a hand stamp, a casing consisting of two halves of thin metal having openings for the adjustment of type bands contained therein, said casing having its opposite sides parallel so that it takes the form of a column substantially as shown, a reinforcing band around the lower part of the casing, said reinforcing band being made in halves to correspond with the halves of the casing, a cap covering the upper open end of the

casing and serving as a reinforcing band for that end thereof, a die-plate provided with lugs extending upward and adapted to engage the inner face of the lower end of the casing, screws by which the casing is secured to said lugs, and a band holding frame within said casing, said band holding frame being provided with adjusting devices extending through the openings in the casing.

2. The combination with a band-holding frame, means for adjusting its position, and means for permitting it to move in one direction from its adjusted position, of an inclosing case consisting of two halves, a cap for securing the upper ends of the halves together, a die-plate provided with lugs for engaging the lower ends of the halves and having an opening through which the band-holding frame projects, screws for securing the casing to the lugs, and a reinforcing band on said casing, said reinforcing band having portions thereof extended to form

recesses for containing the frame adjusting means.

3. In a hand stamp, a casing consisting of two halves of metal having openings therein for the adjustment of the type carrying bands therein, said casing having its sides parallel, a band made in halves to correspond to the casing and adapted to reinforce the said casing, a reinforcing cap for the upper end of the casing, a die-plate, lugs secured thereto, screws by which said casing is secured to the lugs, a band holding frame within said casing, and adjusting devices extending through the openings in the casing.

Signed at Muskegon, Michigan, this 14th day of December 1910.

HARRY S. FOLGER.
ASA M. COMSTOCK.

Witnesses:

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