

G. W. WALTERS.
HAND STAMP.
APPLICATION FILED APR. 28, 1910.

963,340.

Patented July 5, 1910.

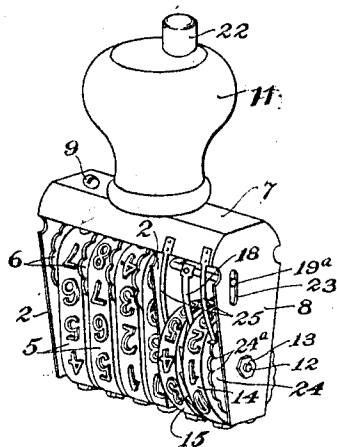


FIG. 1

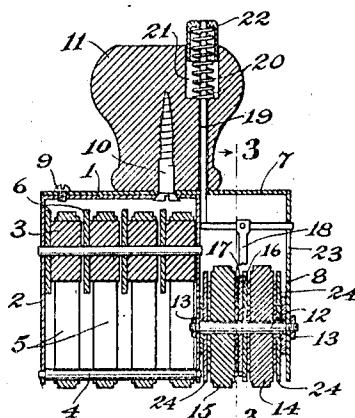


FIG. 2

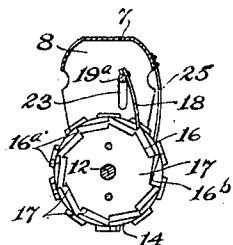


FIG. 3

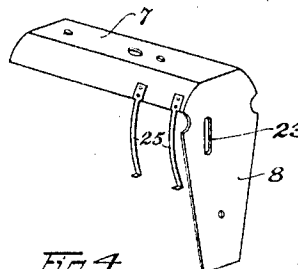


FIG. 4

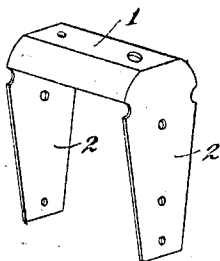


FIG. 5

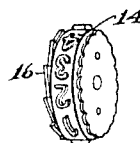


FIG. 6

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UNITED STATES PATENT OFFICE.

GEORGE W. WALTERS, OF SHARON, PENNSYLVANIA.

HAND-STAMP.

963,340.

Specification of Letters Patent.

Patented July 5, 1910.

Application filed April 28, 1910. Serial No. 558,314.

To all whom it may concern:

Be it known that I, GEORGE W. WALTERS, a citizen of the United States, residing at Sharon, in the county of Mercer and State of Pennsylvania, have invented certain new and useful Improvements in Hand-Stamps, of which the following is a specification.

My invention relates to improvements in hand stamps, the primary object of the invention being to provide numbering disks for the most frequently used figures in a numbering machine or stamp, as for example,—the units and tens columns, said numbering disks being adapted to be used in connection with the type bands of an ordinary hand stamp and being adapted to be automatically actuated for consecutive numbering as hereinafter more fully described.

Referring to the accompanying drawings, forming a part of this specification, Figure 1, is a perspective view of an ordinary hand stamp equipped with my improvements. Fig. 2, a longitudinal sectional view of the same. Fig. 3, a cross sectional view taken through line 3—3 of Fig. 2. Fig. 4, a detail perspective view of a side extension member for attaching my improvements to the yoke body of an ordinary hand stamp. Fig. 5, a perspective view of the yoke body of an ordinary hand stamp as it appears preparatory to attaching my improvements thereto. Fig. 6, a perspective view of the numbering disk for the units column.

Similar numerals of reference designate like parts throughout all the figures of the drawings.

In the present embodiment of my invention I have shown the device or improvements attached to an ordinary hand stamp comprising a yoke consisting of the usual main body portion 1, and side arms or members 2. The yoke is provided with the usual drums 3, and stationary bridge member 4, carrying the usual type bands 5. The drums 3, are provided with thumb wheels 6, by means of which the drums may be revolved to bring the respective type bands 5, into any desired position for printing the number desired.

As a means for attaching my improvements to an ordinary hand stamp, I provide a side extension frame as shown most clearly in Fig. 4, of the drawings, said frame consisting of a body portion 7, terminating in an auxiliary side member 8. The body por-

tion 7, is adapted to fit over the main body portion 1, of the stamp yoke and is secured thereto by means of a screw 9, and a handle screw 10, carrying the usual stamp handle 11. The side member 8, on the side extension is secured to the adjacent side arms 2, of the stamp yoke by means of an axle pin or spindle 12, secured in position by means of nuts 13. A pair of numbering disks 14, and 15, are mounted on the axle pin, the disk 14, corresponding to the units column and the disk 15, corresponding to the tens column, said disks being provided on their inner sides with ratchet-wheels 16, and 17, the ratchet notches 16^a, on the units disk, corresponding to the first nine digits, extending beyond the periphery of the ratchets 17, of the tens disk, and the ratchet tooth 16^b corresponding to the tenth or zero digit extending into the radial plane of the ratchets 17, of the tens disk as shown most clearly in Fig. 3, of the drawings so that the spring pawl 18, when it reaches the ratchet tooth 16^b, corresponding to the tenth or zero digit of the units disk, will also fall into and engage the adjacent ratchet on the tens disk and simultaneously actuate said units and tens disks in proper sequential order in a well understood manner.

As a means for actuating the spring pawl by the hand while upon the stamp handle 11, a plunger rod 19 is slidably mounted in the handle and is provided with a side arm or extension 19^a, to which the spring pawl is attached. The spring pawl 18, is adapted to be reciprocated for actuating the numbering disks and is depressed against the resistance of a spring 20, mounted in a socket 21, of the handle immediately beneath a plunger cap 22. The side arm or extension 19^a, may extend through a guide slot 23, in the auxiliary side member 8, and as a means for manually operating the numbering disks, thumb wheels 24, may be provided, and as a means for holding the numbering disks in their normal position, spring arms 25, may be secured to the body 7, the free ends of said spring arms being adapted to rest in the recesses or indentations 24^a, of the thumb wheels as shown.

From the foregoing description, taken in connection with the accompanying drawings, the operation and advantages of my invention will be readily understood.

Having thus described an embodiment of

my invention, what I claim and desire to secure by Letters Patent is,—

1. An attachment for hand stamps, comprising a side extension consisting of an auxiliary yoke body terminating in a side member, an axle-pin securing said side member to the adjacent side member of the stamp yoke, numbering disks mounted on said axle-pin and provided with ratchets, a spring pawl adapted to travel in said ratchets and actuate said disks in proper sequential order, a spring-resisted plunger mounted in the stamp handle and carrying said spring pawl, and means for manually actuating said disks independently of said pawl and ratchet mechanism.

2. In a hand stamp, the combination with a yoke provided with actuating drums and type bands; of a side extension comprising a body portion fitting over the main body portion of said yoke and terminating in an auxiliary side member, means for securing said body portions together, a handle, units and tens numbering disks carried by said side extension and provided with ratchets, a spring pawl adapted to travel in said ratchets and to actuate said tens disk when zero on said unit disk is reached, a plunger mounted in said handle and carrying said spring pawl, and means for manually rotating said numbering disks.

3. A hand stamp, comprising a yoke, a plurality of drums, a fixed bridge member, a plurality of type bands carried on said drums and bridge member, means for rotating said drums, a plurality of numbering disks arranged to one side of said type bands

and provided with ratchets radially spaced from each other and arranged to correspond to the numbers on said disks the ratchet of the zero digit being in the same radial plane with that of the ratchet of the adjacent disk, a plunger, a pawl on said plunger adapted to travel in said ratchets and to simultaneously actuate two adjacent disks when said zero digit is reached, and means for normally holding the numerals on said disks in alinement with each other.

4. A hand stamp, comprising a yoke and handle, a plurality of drums and a bridge member, a plurality of type bands carried on said drums and bridge member, means for manually and independently rotating said drums, a pair of numbering disks provided on their inner sides with annularly arranged ratchets, the ratchets on the units disk corresponding to the first nine digits extending beyond the periphery of the ratchets on the tens disk and the ratchet corresponding to the zero digit extending into the radial plane of the ratchets on the tens disk, a pawl adapted to travel in said ratchets and to simultaneously actuate said disks when said zero digit of the units disk is reached, a spring resisted plunger mounted in said handle and carrying said pawl, and means for manually rotating said numbering disks.

In testimony whereof I have affixed my signature, in presence of two witnesses.

GEORGE W. WALTERS.

Witnesses:

F. W. CLARK,
S. L. COOK.