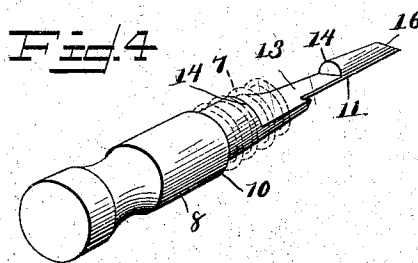
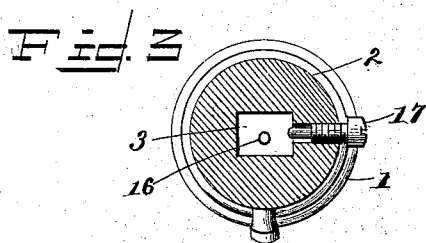
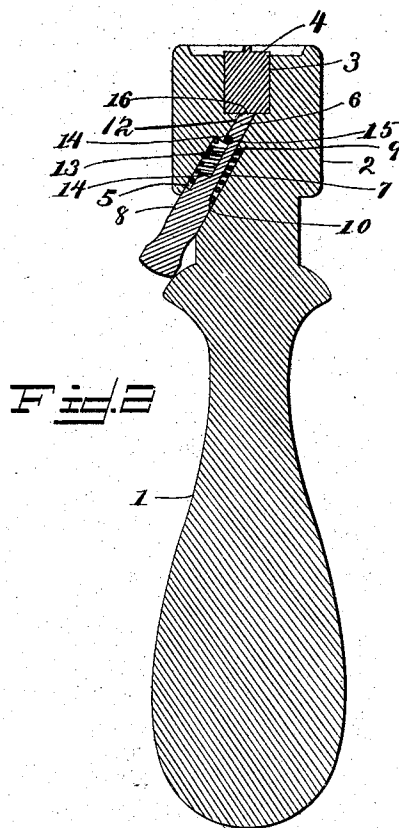
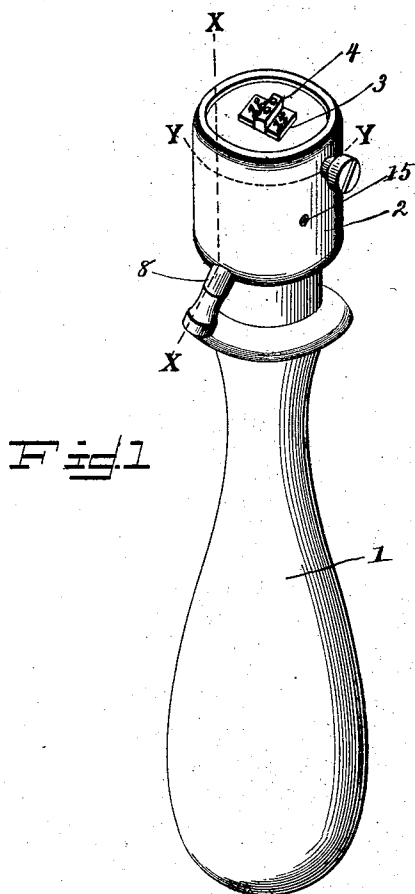


(No Model.)

C. H. BURGESS.
HAND STAMP.

No. 508,865.

Patented Nov. 14, 1893.



Witnesses

Edw. Mattingly
Chas. S. Hoyer.

Inventor

Charles H. Burgess

By his Attorneys,

Ca Snow & Co.

UNITED STATES PATENT OFFICE.

CHARLES H. BURGESS, OF EUREKA, MAINE.

HAND-STAMP.

SPECIFICATION forming part of Letters Patent No. 508,865, dated November 14, 1893.

Application filed March 27, 1893. Serial No. 467,850. (No model.)

To all whom it may concern:

Be it known that I, CHARLES H. BURGESS, a citizen of the United States, residing at Eureka, in the county of Kennebec and State of Maine, have invented a new and useful Hand-Stamp, of which the following is a specification.

This invention relates to hand-stamps, and has for its object to provide simple and convenient means for expelling a portion of the die or type to enable a convenient and ready manipulation and setting of the same, or the substitution of one part for another.

With this and other objects in view, the invention consists of the construction and arrangement of the parts thereof as will be hereinafter more fully described and claimed.

In the drawings: Figure 1 is a perspective view of a hand-stamp embodying the invention. Fig. 2 is a section on the line $x-x$, Fig. 1. Fig. 3 is a section on the line $y-y$, Fig. 1. Fig. 4 is a detail perspective view of the expelling pin and the spring surrounding the same.

Similar numerals of reference indicate corresponding parts in the several figures of the drawings.

Referring to the drawings, the numeral 1 designates a handle, having a head 2 at the lower end thereof with a die or type socket 3 therein to receive the die or type 4, and extending diagonally downwardly from the upper termination of the said head 2 inwardly to or about the center of the upper termination of the die or type socket 3 is an opening 5, in which is movably seated an expelling pin or post 6, surrounded, in part, by a coiled spring 7, that operates to hold the said pin or post in a normal elevated position. The opening 5 is of such shape throughout its length as to conform to the shape and permit the movement of the said pin or post 6, and the upper part of said pin or post is enlarged as at 8, and normally projects above the upper termination of the said opening 5, for convenient engagement by the finger or hand of the operator. The spring 7 is coiled around the expelling pin or post, and is concealed within the head 2, and its lower end bears against a shoulder 9 of the opening 5, while the upper end of said coiled spring engages a shouldered part 10, of the said pin 6. The said pin or

post is again still further reduced in cross-sectional extent, as at 11, in order to permit the same to freely pass through a reduced opening 12 communicating with the upper part of the type or die socket in the head 2, and extending transversely through the lower part of said pin or post is a slot 13, that forms upper and lower shoulders 14. When the pin or post is mounted in the opening 5 a pin or rod 15 is inserted transversely through the said head 2 and passes through the slot 13 to prevent the said pin or post from being withdrawn from the opening 5, as an attempt to withdraw the same would bring the lower shoulder 14 to bear against the said pin or rod 15, while the upper shoulder 14 will prevent the pin or post 6 from being depressed too far during the operation of expelling the die or type. The lower end of the smallest part of the pin or post 6 is beveled, as at 16, in order to accommodate the obliquity of the said pin or post and bear firmly on the upper inner end of the die or type without injuring the latter or wearing the same during the expelling operation. It will be observed that the said lower beveled end 16 of the pin or post 6 is arranged to engage the upper end of the middle or center type or die, and to expel the same a sufficient distance to permit it to be readily grasped by the fingers, or by a suitable mechanical device, and withdrawn. This, of course, leaves a vacant space in the center, and the other type or die can be drawn readily into said space and thereby loosen it for withdrawal, or a space provided on each side of the same to permit the insertion of a grasping mechanical device, and by this arrangement a simple and convenient means of setting or withdrawing the die or type, or rearranging the same, results.

The device is especially intended for applying postmarks, but it will be understood that it may be employed equally well for any other purpose. It will be understood that the device may be operated to expel one or more dies or type from the socket and that the said die or type that is expelled need not necessarily be the central one, and it may be that which is located to one side or the other of the center either in single or double form. It will also be understood that the improved form of construction herein set forth may be em-

ployed in connection with all forms of stamps where it may be practicably used, and in combination with other canceling devices, or post-marking stamps or apparatus. It will be understood of course that it is necessary to hold the die or type in permanent position against movement within the socket of the head when the stamp is being employed for canceling or other purposes, and to accomplish this a set-screw 17 extends transversely into the lower part of the head and is arranged to engage the die or type on one side to permanently or securely hold the said die or type in position in its socket during the operation of the type. When the expelling pin or post 6 is to be operated, the said set-screw will be loosened in order to permit the said die or type to be expelled.

Changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having described the invention, what is claimed as new is—

In a hand stamp, the combination of a handle provided with a tight socket, and having an opening communicating therewith at the center of the upper end thereof and having the outer portion enlarged to form a shoulder, an expelling pin mounted in the opening and having its lower end beveled and provided intermediate of its ends with a slot 13 forming upper and lower shoulders 14, a spring concealed within the enlarged portion of the opening of the handle and seated on the shoulder thereof and engaging the upper shoulder of the expelling pin, and a transverse pin arranged in the slot of the expelling pin and located adjacent to the shoulder of the handle, substantially as and for the purpose described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

CHARLES H. BURGESS.

Witnesses:

E. H. HALLETT,
EDNA A. HOUGHTON.