

C. EUTEBROUK.

CARTRIDGE CAPPING AND UNCAPPING IMPLEMENTS.

No. 193,150.

Patented July 17, 1877.

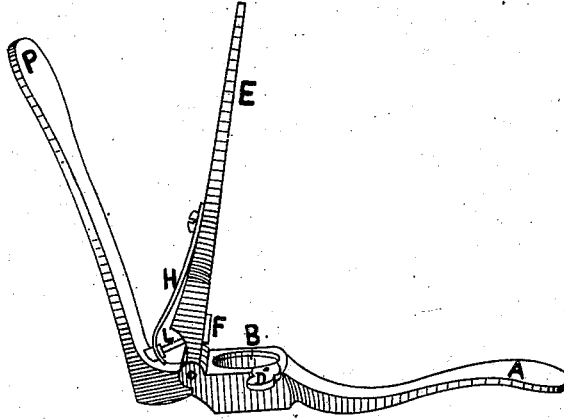


Fig. 1.

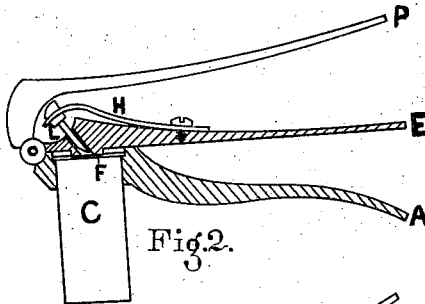


Fig. 2.

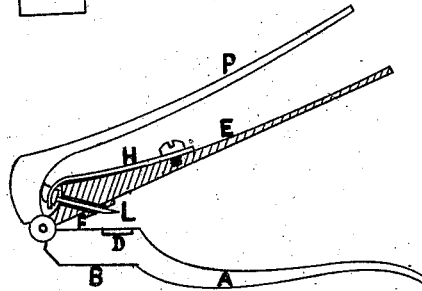


Fig. 3.

Witnesses:

H. S. Talbot
Edward Edmunds

Inventor:

Charles Eutebrouk,
BY: Sylvanus Walker
Atty

UNITED STATES PATENT OFFICE.

CHARLES EUTEBROUK, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN CARTRIDGE CAPPING AND UNCAPPING IMPLEMENTS.

Specification forming part of Letters Patent No. **193,150**, dated July 17, 1877; application filed May 28, 1877.

To all whom it may concern:

Be it known that I, CHARLES EUTEBROUK, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and Improved Recapper for Brass or Paper Cartridge-Shells, of which the following is a specification:

The object of my invention is to provide a cheap, simple, efficient, and convenient recapper for paper or brass cartridge-shells; and it consists of a tool so constructed as to hold the shell firmly and in a convenient position to permit a cap to be placed in the end of the shell and pressed down upon the nipple ready for being ignited or discharged when in use, and, after having been discharged, permit the exploded cap to be removed therefrom by placing the shell again in the recapper and confining the same therein, and then forcing a piercing implement through the top of the cap in an oblique direction, so as to remove the same from the nipple preparatory to inserting a new cap. This is all accomplished by a single tool having three hinged handles or levers, one of which is provided with an opening and sinkage to receive the cartridge-shell, and another one is provided with a small raised face for pressing the cap down upon the nipple, and contains a pointed piercing-punch, held up by a spring, and sliding obliquely through the raised face when the other hinged handle or lever is pressed upon the top of the piercing-punch, forcing its point obliquely through the top of the cap. These latter two handles or levers, being held together, and opened from the other or bottom one holding the cartridge-shell, the oblique piercing-punch point draws or lifts the exploded cap from the nipple, as hereinafter more fully described and explained in connection with the accompanying drawing illustrating my said invention.

Figure 1 is a perspective view of my invention. Fig. 2 is a vertical section of a portion of the same, showing a cartridge-shell being capped. Fig. 3 is a similar view showing the cap being removed.

A represents the lower lever-handle, having an opening, B, to receive the cartridge-shell C, the flange or bead around the rear or nipple end of the same resting in the sinkage surrounding the opening B, as shown in Fig. 2. A guard or button, D, is pivoted to the handle A at or near the opening B, which

may be turned so as to project over the end of the cartridge-shell C, and thus confine it temporarily in this position, so as to allow an exploded cap to be removed from the shell. E represents a handle or lever hinged to the former handle A, and provided with a raised face, F, which serves to force or press a cap or primer down firmly upon or into the sinkage in the end of a cartridge-shell, as shown in Fig. 2. Now the shell may be removed and charged in the usual manner ready for use in the fire-arm; and to remove the exploded cap or primer from the end of the shell, it is again placed in opening B, as before, and the handle or lever E closed down, as before, and the button or guard D turned to hold it in position. To the hinged lever or handle E is connected a flat steel or other suitable spring, H, having a notched or forked end, which fits into grooves in the sides of the head of the piercing-punch L, which slides or is forced through the oblique hole in the lever E, its beveled point projecting through the face F, when the hinged lever or handle P is forced down, or the two handles, A P, are brought toward each other, by the gripe of the hand. The point of the piercing-punch is forced obliquely through the head of the cap or primer. Now, if the handles or levers E P, being held together with one hand, and the bottom lever or handle A with the other, are opened apart, as shown in Fig. 3, the cap or primer will be drawn up or out of the sinkage around the nipple in the end of the cartridge-shell by the point of the piercing-punch L, so as to allow a paper cartridge-shell to be used a half-dozen times or more before being destroyed.

Instead of the flat steel spring H, any other suitable form of spring may be used to hold the piercing-punch in position for use.

Having thus described my invention, what I claim is—

A recapper for cartridge-shells, consisting of the handle or lever A, having the opening B, the hinged handle or lever E, having the face F, spring H, and piercing-punch L, operated by the hinged handle or lever P, or equivalent devices, as and for the purposes set forth.

CHARLES EUTEBROUK.

Witnesses:

SYLVENUS WALKER,
H. S. TALBOT.