(No Model.)

H. BAXTER.

CARTRIDGE LOADING IMPLEMENT.

No. 328,750. Patented Oct. 20, 1885.

FIG. 1.

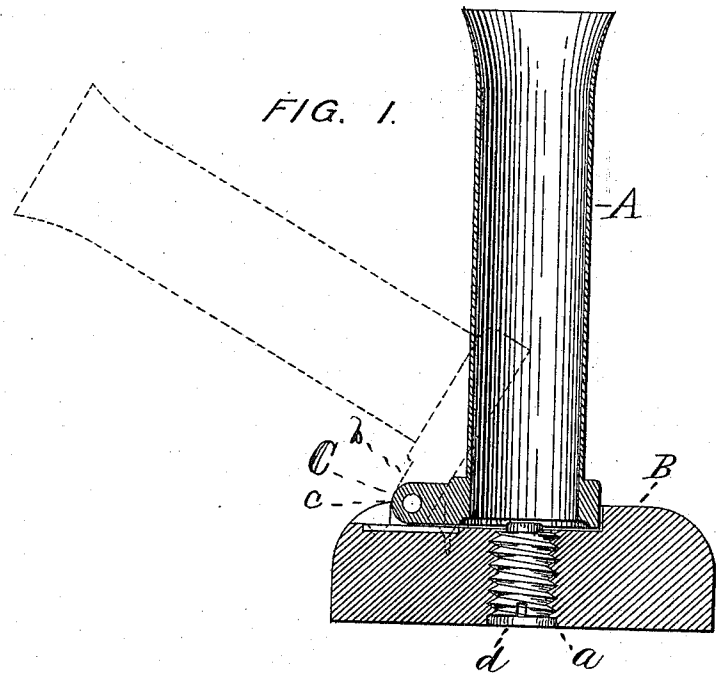


FIG. 2.

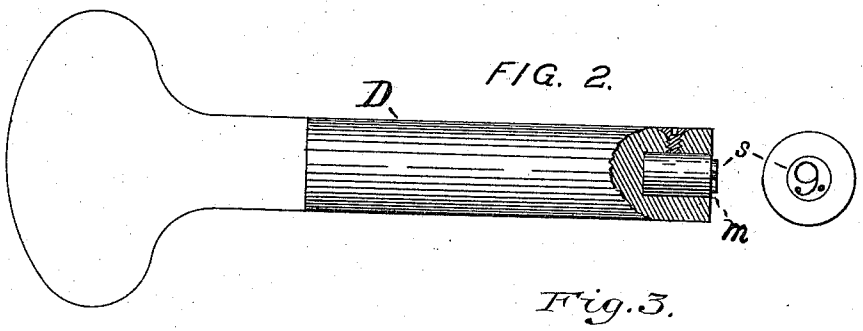
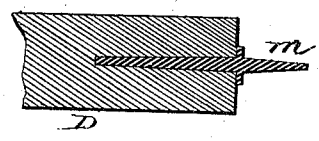


Fig. 3.



WITNESSES

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UNITED STATES PATENT OFFICE.

HAMILTON BAXTER, OF SYRACUSE, NEW YORK, ASSIGNOR OF TWO-THIRDS TO GEORGE W. BAXTER, JR., AND CORNELIUS W. SMITH, BOTH OF SAME PLACE.

CARTRIDGE-LOADING IMPLEMENT.

SPECIFICATION forming part of Letters Patent No. 328,750, dated October 20, 1885.

Application filed January 15, 1884. Serial No. 117,627. (No model.)

To all whom it may concern:

Be it known that I, HAMILTON BAXTER, of the city of Syracuse, in the county of Onondaga and State of New York, have invented certain new and useful Improvements in Cartridge-Loaders, of which the following is a specification, reference being had to the accompanying drawings, in which—

Figure 1 is a perpendicular section, showing also the loading-tube tipped back in dotted lines; Fig. 2, a perspective of the loading-stick, with one end broken out to show the manner of inserting and holding the die, and a face view of the die. Fig. 3 is a longitudinal section of a loading-stick provided with a projecting awl at one end.

My invention relates to the devices for loading, decapping, and recapping cartridge-shells, and for marking each shell, so as to designate its contents when loaded.

It consists, first, of a loading-tube hinged to a base-block; second, of a base-block provided with an adjustable center piece; third, of a loading-stick provided with a projecting awl at one end, and having a recess in the other end, in which a marking type or die can be inserted and secured.

It is constructed as follows:

A is the loading-tube, consisting of a tube of metal with a flaring top, of the usual construction.

B is the base-block, constructed of about the shape shown in the drawings, and having a central hole, *a*, bored or drilled perpendicularly through it. This hole should be a little larger than the cap or primer used upon cartridge-shells. In this hole I place the screw *b*. This screw is constructed with a blunt inner end, and has a screw-driver slot in the head.

C is the hinge, constructed of two parts or leaves, *b c*, one of which is secured to the tube A, at or near its bottom, upon the exterior, and the other is secured to the base-block.

It is operated as follows: As a loader, the tube A is tipped over upon the hinge, the cartridge-shell inserted, and the tube is then raised back again to a perpendicular upon the base B. If necessary, the screw *d* should be screwed back until the inner end is below the face of the base at least, in order that the cap or primer will not touch it. Then the shell is loaded and removed from the tube by reversing the process of its insertion.

As a decapper, I first remove the screw *d* entirely or depress it quite low. I then tip the tube, insert the shell, and punch off the cap, in the ordinary way, by means of the awl in the end of the loading-stick, the cap falling into the hole *c*.

As a recapper, I start the cap onto the shell with my fingers enough so that it will not fall off, and insert the shell into the tipped-back tube, the screw *d* being elevated so that its inner end projects a trifle above the face of the base. I then grasp the tube with my hand and raise it upward toward an upright position, and as I raise it the cap strikes the inner or thin upper end of the screw *d*, and then by the lever action of the tube, acting through the hinge as a fulcrum, the cap is forced upward until, when the tube is at a perpendicular again, the cap is forced into its proper position.

The loading-stick D is constructed in the ordinary manner, except that I drill or make a seat, *m*, in the end of it, in which I insert the type or die *s*, and hold it in position by means of a set-screw or other equivalent device, as shown in the drawings. The type should be so inserted that the type or die will project a little beyond the face of that end of the stick. Letters or figures can be used, as desired, and either one or more can be inserted at once. The operation of this is to impress upon the wad as the shell is being loaded the imprint of the letter, figure, or characters used, so that, for instance, the impression upon the wad shows the size of shot in the shell, or the quantity of powder, or both.

The awl above mentioned is inserted or secured in the other end of the loading-stick D in any ordinary manner, and is of ordinary construction.

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

A base-piece, B, provided with an adjustable screw, *b*, and a loading-tube, A, hinged together, in combination with a loading-stick, D, constructed and operating together substantially as described, for the purposes set forth.

In witness whereof I have hereunto set my hand this 12th day of January, 1884.

HAMILTON BAXTER.

In presence of—

C. W. SMITH,

GEO. W. BAXTER, Jr.