

H. M. BRONSON.

Implements for Capping Cartridges.

No. 144,435.

Patented Nov. 11, 1873.

Fig. 1.

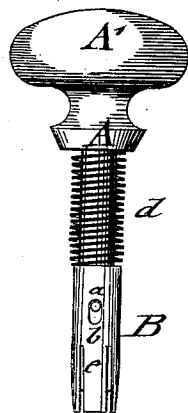
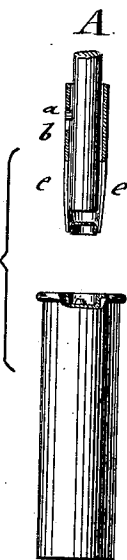


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

HENRY M. BRONSON, OF SANDUSKY, OHIO.

IMPROVEMENT IN IMPLEMENTS FOR CAPPING CARTRIDGES.

Specification forming part of Letters Patent No. 144,435, dated November 11, 1873; application filed September 27, 1873.

To all whom it may concern:

Be it known that I, HENRY M. BRONSON, of Sandusky, in the county of Erie and State of Ohio, have invented a new and Improved Instrument for Capping Shells, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a side elevation of my improved shell-capper; and Fig. 2, a detail central section through the lower part, showing the capping-instrument in position to apply the cap on the shell.

Similar letters of reference indicate corresponding parts.

The object of my invention is to provide a convenient little instrument for capping the brass and paper shells used in the Parker and other breech-loading shot-guns, by which the operation can be performed in a quick, neat, and perfect manner. My invention consists of a tubular spring-clamp, which takes hold of the caps and transfers them to the countersunk base of the shell by striking sharply the knob of a bolt with spiral spring sliding in the clamp.

In the drawing, A represents the bolt, having a broad knob, A', for conveniently striking thereon. The tubular spring-clamp B slides on the lower part of the bolt A by means of a guide-lug, *a*, and slot *b*, and the action of the

spiral spring *d* pressing on knob A' and clamp B. The lower part of the clamp B is provided with vertical slots *e* and sharpened edges, and made of the size of the caps used to prime the brass or paper shells of different systems of breech-loading shot-guns. The slot *b* is of such length that the bolt can only pass as far as required to set the caps in the countersunk part of the shells. For capping the shells the spring-clamp is placed over the cap, taking hold of the same by the elasticity of its slotted ends. The sharp ends of the clamp are then placed on the countersunk base of the shell, and the cap driven into it by a few sharp blows of the hand on the knob of the bolt. The capping is thereby accomplished in an easy and rapid manner, without necessitating the handling of the small caps with the fingers.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The instrument herein described for capping cartridge-shells, consisting of the bolt A A' and the spring-clamp B, the parts being combined substantially as described.

HENRY M. BRONSON,

Witnesses:

JOSEPH LANSDOWN,
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