

L. A. BEARDSLEE.
Cartridge-Loading Implements.

No. 149,183.

Patented March 31, 1874.

Fig. 1.

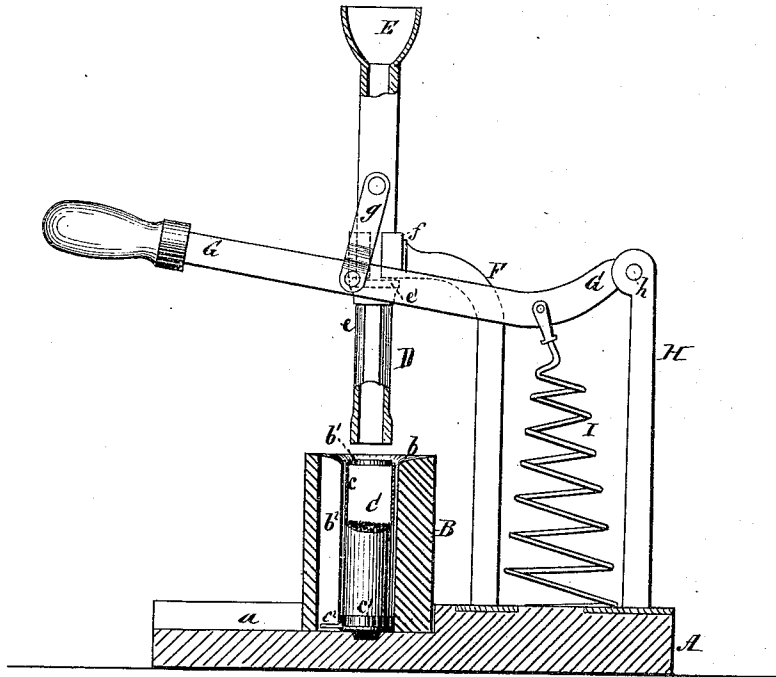
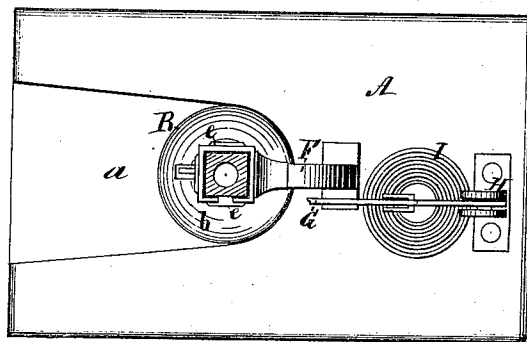


Fig. 2.



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UNITED STATES PATENT OFFICE

LESTER A. BEARDSLEE, OF LITTLE FALLS, NEW YORK.

IMPROVEMENT IN CARTRIDGE-LOADING IMPLEMENTS.

Specification forming part of Letters Patent No. 149,183, dated March 31, 1874; application filed February 20, 1874.

To all whom it may concern:

Be it known that I, LESTER A. BEARDSLEE, of Little Falls, in the county of Herkimer and State of New York, have invented a new and Improved Cartridge-Filling Machine; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing forming a part of this specification, in which—

Figure 1 is a sectional side elevation. Fig. 2 is a plan view.

The invention relates to means whereby sportsmen and others may, with convenience and dispatch, load the quantity and kind of ammunition preferred into the ordinary cartridge-cases, which are bought at wholesale or retailed for that purpose.

A represents a bed, provided with the inwardly-converging groove *a*, its smaller end being curved on the arc of a circle slightly larger but corresponding to the perimeter of a holding cylinder or tube, B, concaved on top at *b*. C is the ordinary cartridge-case, having a paper body, *c*, a metallic base-cap, *c'*, and a firing-pin, *c''*, the whole fitting into the corresponding central cavity *b'* and vertical side slot *b''*. D is the plunger, as well as the hollow conductor, through which the ammunition falls from the funnel or cup E. This plunger is squared at *e*; has circumjacent flange or stop *e'*, and slides in the guide *f*, placed at the end of curved upright F. G is a lever, connected with the reciprocating plunger by a strap, *g*, that is pivoted to each, fulcrumed at *h* to the top of a post, H, and provided with the subjacent retracting-spring I.

The application is as follows: A cartridge-case, C, being inserted within the holder B,

and the latter pushed to the bottom or small end of converging groove *a*, the bed-groove centers the cartridge-case under the plunger, where it is ready to receive a charge of powder, first dropped into the funnel or cup E, then falling through the hollow plunger D, and finally received on the bottom of cartridge-case. A wad is now slid down the top concavity *b* of tube B, and directly under the plunger D, which is then brought down to drive it home. The shot, bullet, or ball is inserted upon the powder and covered with a wad, in a similar manner, when the operation is finished, so far as this machine is concerned, the paper tube being inwardly creased above the last wad, to keep the load of ammunition fixed in place, by another device.

The operation may be performed with great rapidity, economy of time, and by a servant or unskilled person.

Having thus described my invention, what I claim is—

1. The combination, with a hollow open plunger, D, of an unconnected independent cartridge-holding tube, B, having the edge of its open end sloped from the outside to the inside, as and for the purpose described.
2. The combination, with the tubular holder B and plunger D, of bed A, having the inwardly-converging groove *a*, ending in a curve that corresponds to the perimeter of said tube, to enable the tube to be automatically centered under the plunger, in the manner set forth.

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