

(No Model.)

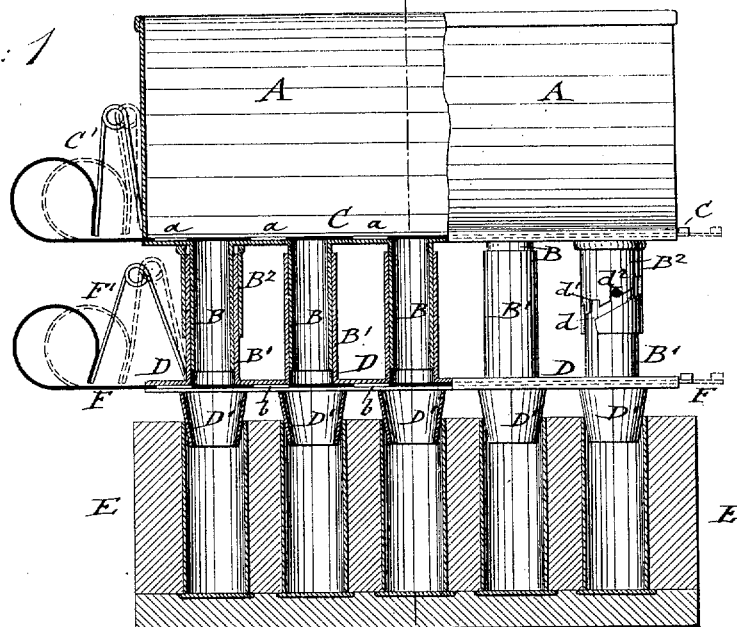
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CARTRIDGE LOADING APPARATUS.

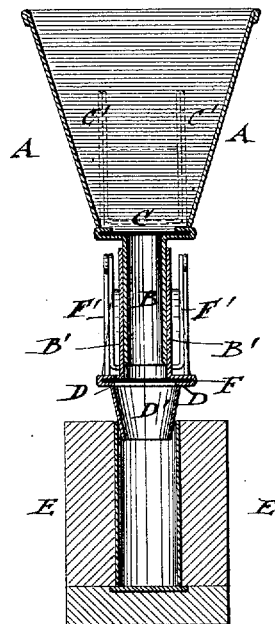
No. 302,207.

Patented July 15, 1884.

*Fig: 1*



*Fig: 2*



WITNESSES:

*A. Schehl.*  
*Otto Risch.*

INVENTOR

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# UNITED STATES PATENT OFFICE.

WILLIAM A. LOCKETT, OF BRENHAM, TEXAS.

## CARTRIDGE-LOADING APPARATUS.

SPECIFICATION forming part of Letters Patent No. 302,207, dated July 15, 1884.

Application filed April 29, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM A. LOCKETT, of Brenham, in the county of Washington and State of Texas, have invented certain new and useful Improvements in Attachments to Cartridge-Loading Blocks, of which the following is a specification.

This invention has reference to an improved attachment for cartridge-loading blocks, by which first the required quantity of powder, and after the wads have been inserted the required quantity of shot, is supplied for all the cartridges in the block at one and the same time, whereby considerable time and labor in loading cartridges is saved.

The invention consists of a filling attachment to cartridge-loading blocks, which is composed of a hopper part having discharge-tubes in the bottom and a perforated and spring-actuated slide-piece having perforations registering with said tubes, and of a lower part having upwardly-extending tubes sliding on the bottom tubes of the hopper and downwardly-extending tubes of conical shape that fit into the cartridge-shells, and are opened or closed by a second spring-actuated slide-piece having openings which register with the tubes of the lower main part. Two or more of the upper tubes of the hopper portion are provided with fixed pins, which lock into notched and inclined slots of exterior socket-tubes, whereby the hopper portion may be set to a greater or smaller distance from the bottom portion, and thereby the length of the charging-tubes between the slide-pieces increased or decreased, so as to supply larger or smaller quantities of powder and shot.

In the accompanying drawings, Figure 1 represents a side elevation, partly in section, of my improved attachment for cartridge-loading blocks; and Fig. 2, a vertical transverse section on line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

My improved attachment for loading-blocks consists of two main parts, each provided with a spring-actuated slide-piece. The upper or hopper portion consists of a hopper, A, provided with fixed downwardly-extending tubes B B, and of a slide-piece, C, having openings *a*, that register with the openings of the tubes B when the slide-piece C is moved forward

against the tension of a spring, C', that is interposed between the end wall of the hopper and the handle portion of the slide-piece C, as shown in dotted lines in Fig. 1. The lower or bottom portion of the attachment is composed of a plate, D, provided with upwardly-extending tubes B', that fit over the tubes B of the hopper A, and with shorter conically-tapering tubes D' at the underside, that fit into the cartridge-shells which are placed into the loading-block E. A second slide-piece, F, is guided in ways of the plate D, and provided with openings *b b*, that register with the tubes B B' when the slide-piece F is pushed forward against the tension of its springs F'. The lower portion is made adjustable on the tubes B B' of the hopper portion by means of two or more socket-tubes, B<sup>2</sup>, which are soldered to the bottom of the hopper A concentric to the inner tubes, B, so that the tubes B' of the lower portion can be readily slid in between the inner tubes, B, and the socket-tubes B<sup>2</sup>. The socket-tubes B<sup>2</sup> are provided with inclined slots *d*, having notches *d'*, that engage fixed pins *d''* of the tubes B', whereby the parts may be set at greater or smaller distance from each other, according to the notches into which the pins *d''* are inserted, so that a greater or smaller quantity of powder or shot may be inserted into the cartridges as required by the size of the same.

My improved attachment to loading-blocks is used as follows: The hopper and bottom parts are first adjusted into their proper positions to each other, so as to supply the required quantity of powder and shot. The conical bottom tubes of the attachment are then inserted into the shells. The hopper is next filled with powder, after which the slide-piece C is pushed sidewise, so that the telescoping tubes B B' are filled with powder. The lower slide-piece, F, is then pushed sidewise, whereby the charge of powder in the tubes B B' is deposited in the shells of the loading-block. The attachment is then placed on the next loading-block, and the same process repeated until all the shells are loaded with powder. The wads are then placed on the powder in the shells of the cartridges, and the hopper filled with shot, after which the same operations are repeated as before described. A large number of shells can thus be loaded rapidly at a

time, so that the tedious operation of charging and loading the cartridges can be facilitated in a high degree.

5 The advantages of my improved loading attachment to cartridge-blocks are its simple and cheap construction, the efficiency and accuracy in working it, and the small size and portability, which enables the attachment to be taken along with the loading-block when going on a  
10 hunting-trip.

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

The combination of a hopper, A, having bottom tubes, B, a spring-actuated slide-valve,

C, and slotted and notched guide-tubes B<sup>2</sup>, with 15 an adjustable bottom part formed of a plate, D, having upper tubes, B', provided with stop-pins b<sup>2</sup>, a spring-actuated slide-valve, F, and conically-tapering bottom tubes, D', substantially as set forth. 20

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

WILLIAM A. LOCKETT.

Witnesses:

JOS. TRISTRAM,  
C. A. BOTTS.