T. W. ALLEN.

Charger for Shot Pouch.

No. 110,887. Patented Jan. 10, 1871.

Fig 1.

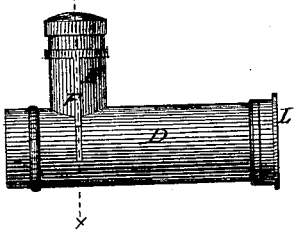


Fig 2.

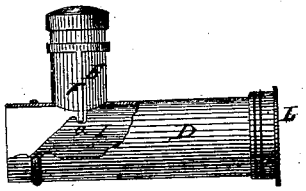


Fig 3.

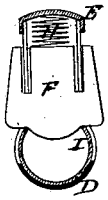


Fig 4.

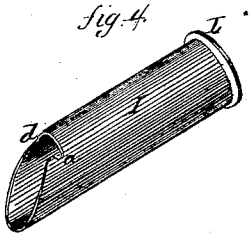


Fig 5.

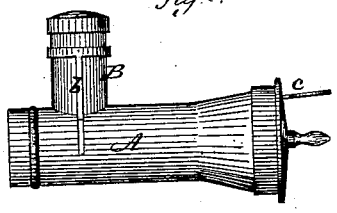
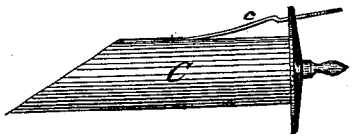


Fig 6.



Witnesses:

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THOMAS W. ALLEN, OF WATERBURY, CONNECTICUT.

Letters Patent No. 110,887, dated January 10, 1871.

IMPROVEMENT IN CHARGERS FOR SHOT-POUCHES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, THOMAS W. ALLEN, of Waterbury, in the county of New Haven and State of Connecticut, have invented a new Improvement in Charger for Shot-Pouches; and I do hereby declare the following, when taken in connection with the accompanying drawing and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawing constitutes part of this specification, and represents in—

Figure 1, a side view;

Figure 2, a side view, a portion broken away to illustrate the operation;

Figure 3, a section on line *x x* of fig. 1;

Figure 4, the charger detached;

Figure 5, a side view of the charger as heretofore constructed; and in

Figure 6, a side view of the charger detached.

This invention relates to an improvement in that class of chargers for shot-pouches in which the charger is detachable from the pouch, receiving the shot necessary for the charge and cut off as the charger is withdrawn, the object of the invention being to simplify and cheapen the construction.

Heretofore this class of chargers has been constructed as in figs. 5 and 6.

A is the cylinder, to which the pouch is fixed.

B, a transverse cylinder, within which is arranged a spring to operate the gate or cut-off *b*.

C, the charger, is a cylinder of the requisite size for a charge of shot, and constructed to be inserted into the cylinder A, its forward or inclined end raising the cut-off *b* as the charger is forced in, and, when fully inserted, is held in position by the catch-spring *c*, which is formed from steel and riveted to the charger C, as seen in fig. 6.

This construction or manner of fastening necessitates considerable expense, as the head of the cylinder must be formed substantially as seen in fig. 5, for the latch to work therein, and, as the latch is liable to be broken, this class of chargers is objectionable. By my invention these objections are entirely overcome, and it consists in constructing the forward end of the charger so as to be locked and held by the cut-off when inserted.

D is the cylinder, by preference of equal diameter from end to end, its outer end provided with any suitable means of strengthening, here represented as simply a band.

E is a transverse cylinder, in which is arranged to work vertically a cut-off, F, in similar manner as heretofore constructed, a spring, H, within the cylinder E serving to force the cut-off downward to close the cylinder when the charger is withdrawn.

I is the charger, shown detached in fig. 4, and fits into the cylinder D in the usual manner, and with its forward end inclined, so that, when the charger is pressed into the cylinder D, it will raise the cut-off in like manner as the common charger.

On one side of the incline of the charger a notch, *a*, is formed, and from that point across to the opposite side *d* the charger is cut nearly square, or so as to form a shoulder. When the charger is inserted the cut-off passes up the incline until it reaches the notch *a*, and drops therein, as seen in fig. 2, the cut-off also resting upon the shoulder *d* upon the opposite side. This notch serves to hold the charger in place when inserted.

To withdraw the charger, with the thumb and finger take hold of the head L and turn the charger so as to throw down the notched side *a* and the shoulder *d* up. This raises the cut-off so as to clear the notch in the charger from the cut-off, in which condition the charger may be withdrawn.

By this construction I dispense entirely with the latch heretofore used, depending entirely upon the cut-off to retain the charger; hence I save all expense of construction of the latch heretofore used.

I claim as my invention—

In combination with the cylinder D and cut-off F, the charger I, with its inclined end provided with the notch *a* and shoulder *d*, as and for the purpose described.

THOMAS W. ALLEN.

Witnesses:

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