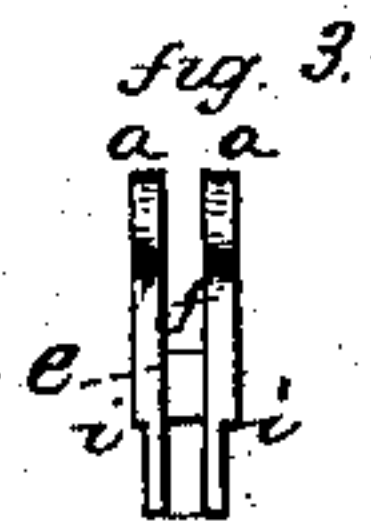
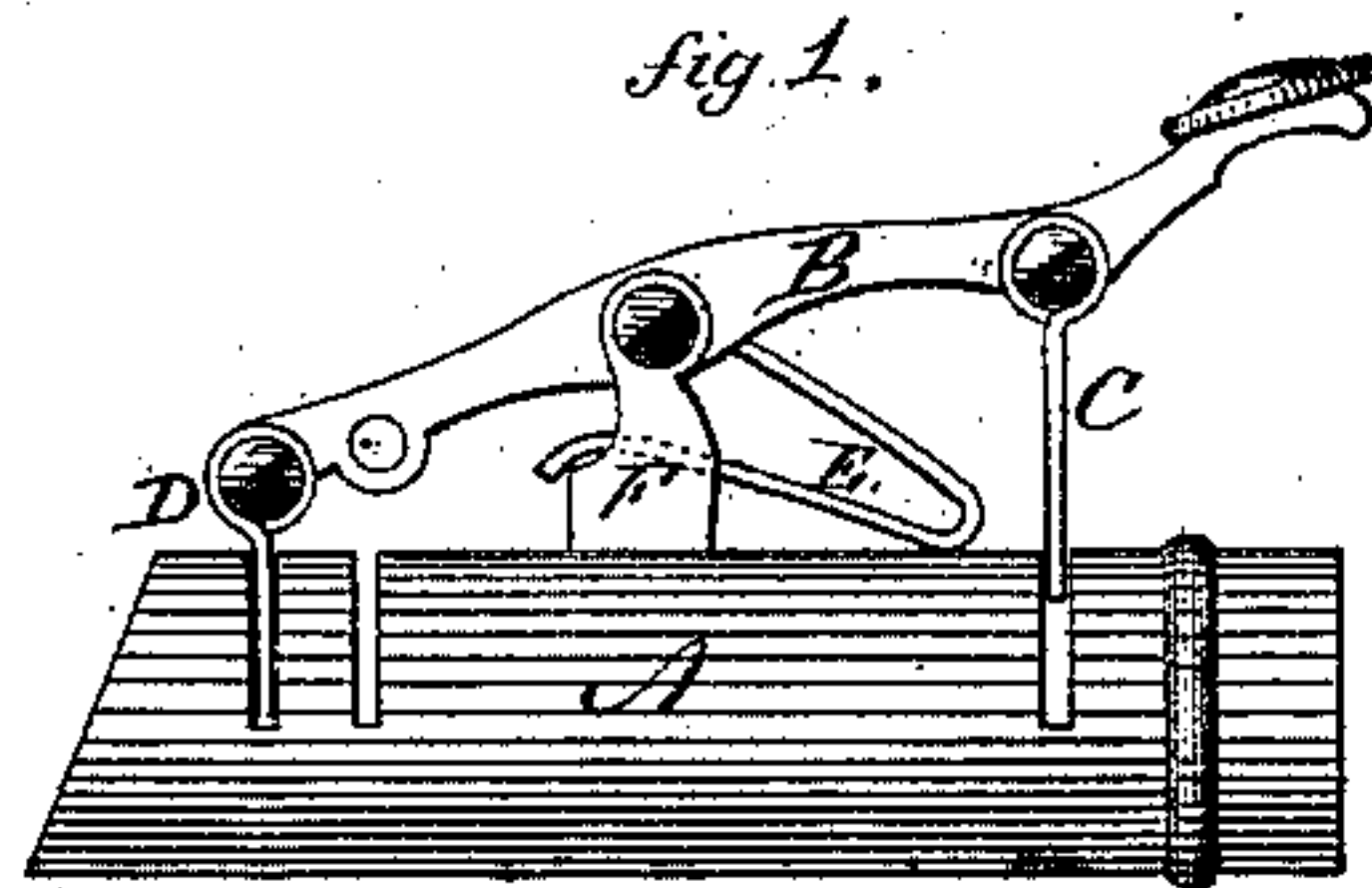


T. W. ALLEN.
Charger for Shot Pouch.

No. 111,102.

Patented Jan. 24, 1871.



Witnesses

J. H. Shumway
A. J. Tibbitts

Thomas W. Allen
Inventor

By his Attorney,

Thos. E. Earle

United States Patent Office.

THOMAS W. ALLEN, OF WATERBURY, CONNECTICUT.

Letters Patent No. 111,102, dated January 24, 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 of the charger complete;

Figure 2, the blank from which the lever and supporter are formed;

Figure 3, a front view of the same; and in

Figure 4, the supporter as heretofore constructed.

This invention relates to an improvement in the construction of the bearing for the lever of chargers for shot-pouches.

Heretofore this has been formed from a solid piece of metal, milled and brought into shape for the purpose desired, as seen in fig. 4, occasioning no inconsiderable amount of labor and consequent expense.

To avoid this is the object of my invention, which consists in forming the bearing from a blank of sheet metal, the two ears for the support of the lever being in one and the same piece, and doubled to form a space for the lever between the two ears, and, at the same time, to bring the perforations of the two ears in line with each other.

A is the charger;

B, the lever;

C, one gate, and

D, the other gate, of common construction.

To form the bearing F of the lever I strike a block from sheet metal, as seen in fig. 2, with two ears, *a*, corresponding to each other, and united together at the base *d*, and with metal extending down, as at *n n*, to form the two tenons. This portion of the metal is made thinner, to form a shoulder, *i*, for the tenons, as seen in fig. 3.

I strike up the blank in suitable dies, doubling it, as seen in fig. 3, to form a space, *f*, between the two ears, and so as to bring the two ears in line with each other, and, at the same time, a bearing, *e*, for the spring E; thus the bearing is produced in the required shape without milling or filing, and is inserted into the mortises in the charger and secured in the usual manner.

I claim as my invention—

The bearing F, for the support of the lever B in a shot-charger, formed from sheet metal and doubled to bring the two ears *a a* into line and form a space for the lever, substantially in the manner herein described.

TOM. W. ALLEN.

Witnesses:

E. M. HURLBURT,

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