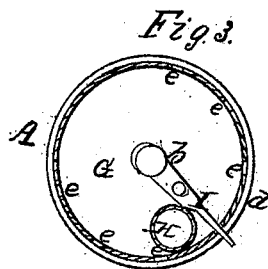
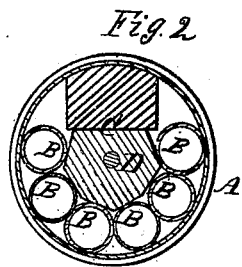
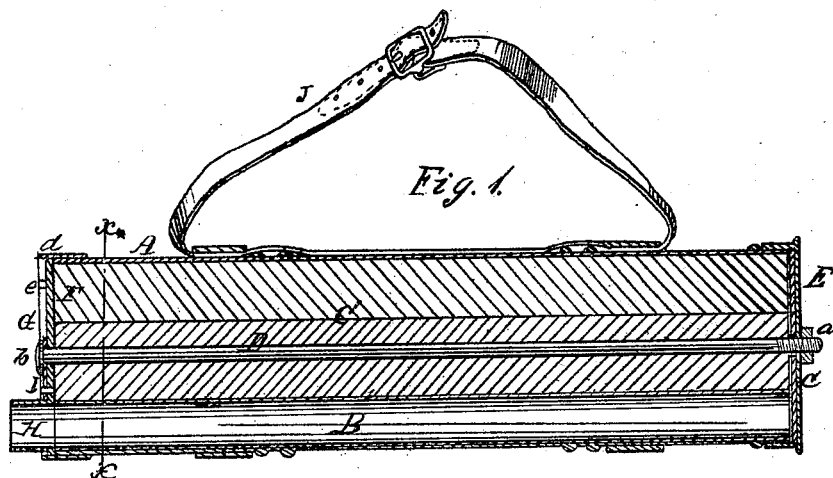


BRYAN & BIGELOW.  
Cartridge Box.

No. 52,357.

Patented Jan. 30, 1866.



Witnesses:  
M. H. A. [Signature]  
C. L. [Signature]

Inventors:  
R. S. Bryan  
J. H. Bigelow  
By [Signature]  
attys

# UNITED STATES PATENT OFFICE.

R. L. BRYAN AND J. A. BIGELOW, OF FRANKLIN, MICHIGAN, ASSIGNORS  
TO THEMSELVES AND C. H. EVEREST.

## IMPROVEMENT IN CARTRIDGE-BOXES.

Specification forming part of Letters Patent No. 52,357, dated January 30, 1866.

### *To all whom it may concern:*

Be it known that we, R. L. BRYAN and J. A. BIGELOW, of Franklin, in the county of Oakland and State of Michigan, have invented a new and Improved Cartridge-Box; and we do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a longitudinal central section of our invention; Fig. 2, a transverse section of the same, taken in the line *x x*, Fig. 1. Fig. 3, an end view of the same.

Similar letters of reference indicate like parts.

This invention relates to a new and improved cartridge-box, designed more especially for repeating or revolving fire-arms; and it consists in having a series of tubes placed within a case of cylindrical or other form, and provided at one end with a revolving disk having a spout or conductor attached, and all so arranged that the spout or conductor may be brought or adjusted consecutively in line with the several tubes within the box and the cartridges in said tubes deposited in the weapon with the greatest facility, as hereinafter described.

A represents a case or box, which we prefer to have of cylindrical form, and constructed of sheet metal, leather, hard rubber, or other suitable material. Within this case or box A there are placed side by side, in the form of a portion of a circle, a series of tubes, B, of such a diameter that they will receive any requisite number of cartridges; and C is a piece of wood or other material fitted within the case or box and extending its whole length, one side of C being in contact with the tubes B and the other side in contact with the case or box, as shown in Fig. 2.

D is a rod which extends entirely through C, and is at the center of the case or box. This rod passes through a cover, E, on one end of the box, and has a nut, *a*, fitted on a screw on the end of the rod, the opposite end of said rod being formed with a head, *b*, which secures a cover, F, on the opposite end of the case or box. (See Fig. 1.) By screwing up

the nut *a* the covers may be tightly secured on the ends of the box, and the leather or other suitable packing *c* may be fitted within the cover E to close tightly one end of the tubes B. The cover F is perforated with holes which are in line and correspond in diameter with the tubes B. The cover F has a flange, *d*, extending all around it, within which a circular disk, G, is fitted, the rod D also passing centrally through said disk, the head *b* of the rod holding the disk snugly to the cover. The disk has a spout or conductor, H, attached to it, the diameter of which is equal to that of the tubes B, and said spout or conductor is at such a point on the disk that by turning the latter the spout may be brought in line with any of the tubes B.

I is an arm attached to the disk G radially, and having a certain degree of spring or elasticity by which it may be fitted in notches *e* made in the flange *d*, the latter being at such points that the spout or conductor H will be in line with a tube, B, when the arm I is in a notch, E.

The device is used as follows: The several tubes B are all filled with cartridges, each tube containing several, and the disk G is turned so that its spout or conductor H will be over the end of the wood C, and the tubes will consequently be all closed and the cartridges therein protected. In loading a piece the disk G is turned so that its spout or conductor H will be brought in line with a tube, B, and the spout or conductor is placed over the muzzle of the piece or over a chamber in a revolving cylinder thereof, if a revolver be used, and the cartridges allowed to pass therein. When one tube B is exhausted of cartridges the disk G is turned to bring its spout or conductor H in line with an adjoining tube, and so on until all the tubes are empty.

For repeating or revolving fire-arms, we design to have the tubes B hold as many cartridges as the revolving cylinder contains chambers, so that the piece may be loaded by one adjustment of the disk G. We do not, however, confine ourselves to any number of tubes B, nor to any particular dimensions for the same.

The cartridge-box may be slung to the wearer by means of a strap, J.

We claim as new and desire to secure by Letters Patent—

1. A cartridge-box, A, provided with a series of tubes, B, to contain the cartridges, and having a rotating disk, G, provided with a spout or conductor, H, fitted or applied at one end of it, and all arranged in such a manner that the spout or conductor may be brought in line consecutively with the cartridge-tubes and the cartridges placed or deposited in the piece or fire-arm with the greatest facility, while the

filled tubes are kept closed and perfectly protected at all times, substantially as described.

2. The elastic arm I, attached to the disk G, in combination with the notches *e* in the flange *d* of cover F, substantially as and for the purpose set forth.

R. L. BRYAN.

JOHN A. BIGELOW.

Witnesses:

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