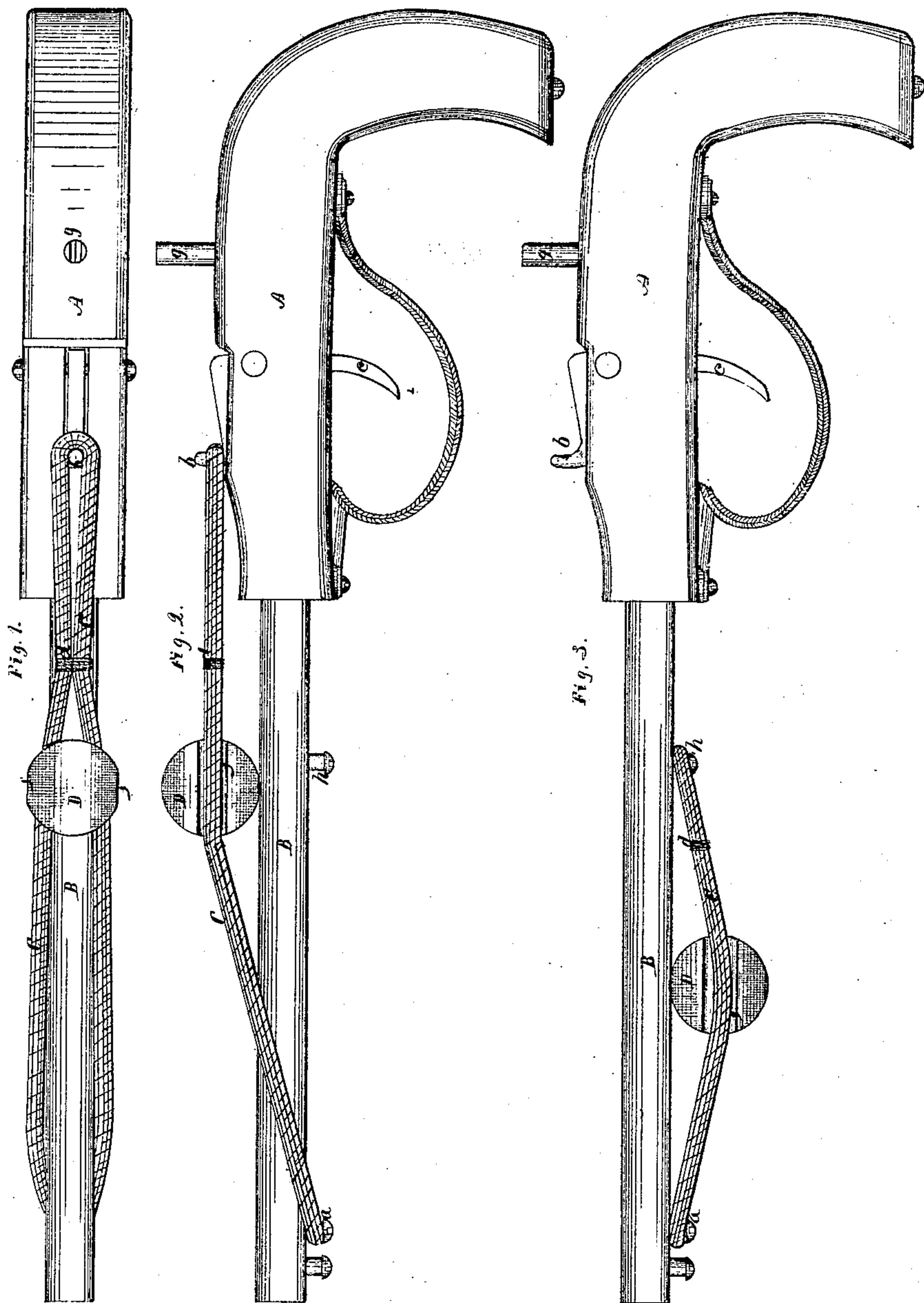


C. Robinson,
Ball Toy Gun.
No. 102594. Patented May 3. 1870.



Witnesses:-

W. A. Harkness
W. Henderson

Charles Robinson,
Proprietor
J. S. Brown

UNITED STATES PATENT OFFICE.

CHARLES ROBINSON, OF BOSTON, MASSACHUSETTS.

BALL TOY GUN.

Specification forming part of Letters Patent No. 102,594, dated May 3, 1870.

To all whom it may concern:

Be it known that I, CHARLES ROBINSON, of Boston, in the county of Suffolk and State of Massachusetts, have invented an Improved Ball Toy Gun; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making part of this specification—

Figure 1 being a top view of the gun set in position ready for discharging; Fig. 2, a top view of the same; Fig. 3, a side view of the gun as arranged when not in use.

Like letters designate corresponding parts in all of the figures.

In this invention a stock or breech, A, and barrel B are used having the general form of a gun or pistol; or the form may be varied therefrom if desired. It may all be made of wood, and the barrel B may be made solid, being a mere rod or slender cylinder either formed as one with, attached permanently to, or inserted into, so as to be removable from the stock A, for the purpose of convenience in carrying. With this stock and barrel I use an elastic cord, C, for the impelling power, and a ball, D, for the missile, both of which are peculiarly constructed and compose the novel feature of my invention, substantially as follows:

The elastic cord C is double or of loop form, and is secured to the barrel A, near the front end or muzzle thereof, by a knob, *a*, or other means of attachment, and when stretched for throwing the ball is held by a catch, *b*, as shown, so as to be detached for the discharge by pulling a trigger, *c*, as usual. The peculiarity of the cord is that the two folds or doublings are tied or otherwise fastened together

at *d*, a little forward of the rear termination of the loop, substantially as shown; and the ball D has grooves or notches *ff* in opposite sides, into which the folds of the cord press, as represented, the fastening of the cord at *d* causing the folds to spring forcibly toward each other, and thus hold the ball in place on the top of the barrel, ready for discharge; but as soon as the discharge begins the cord slackens, its folds are set free and open, so that the ball is released and free to speed forward as soon as it receives its impulse. At the same time it is retained long enough between the folds of the cord to be guided correctly in its course, so that it is thrown quite accurately, and the gun may be used for target practice.

A sight, *g*, projects upward from the stock A to such a height that sighting over it and the top of the ball will insure the proper aim.

When the gun is not in use, the elastic cord is brought under the barrel and stretched partially over a knob or hook, *h*, under the barrel, as shown in Fig. 3. In this position it may also hold the ball between its folds, as represented.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination of the elastic cord C, looped and tied or connected at *d*, and the ball D, grooved or notched at *ff*, substantially as and for the purpose herein specified.

Specification signed by me this 21st day of March, 1870.

CHARLES ROBINSON.

Witnesses:

C. P. JUDD,
G. S. GILCHRIST.