

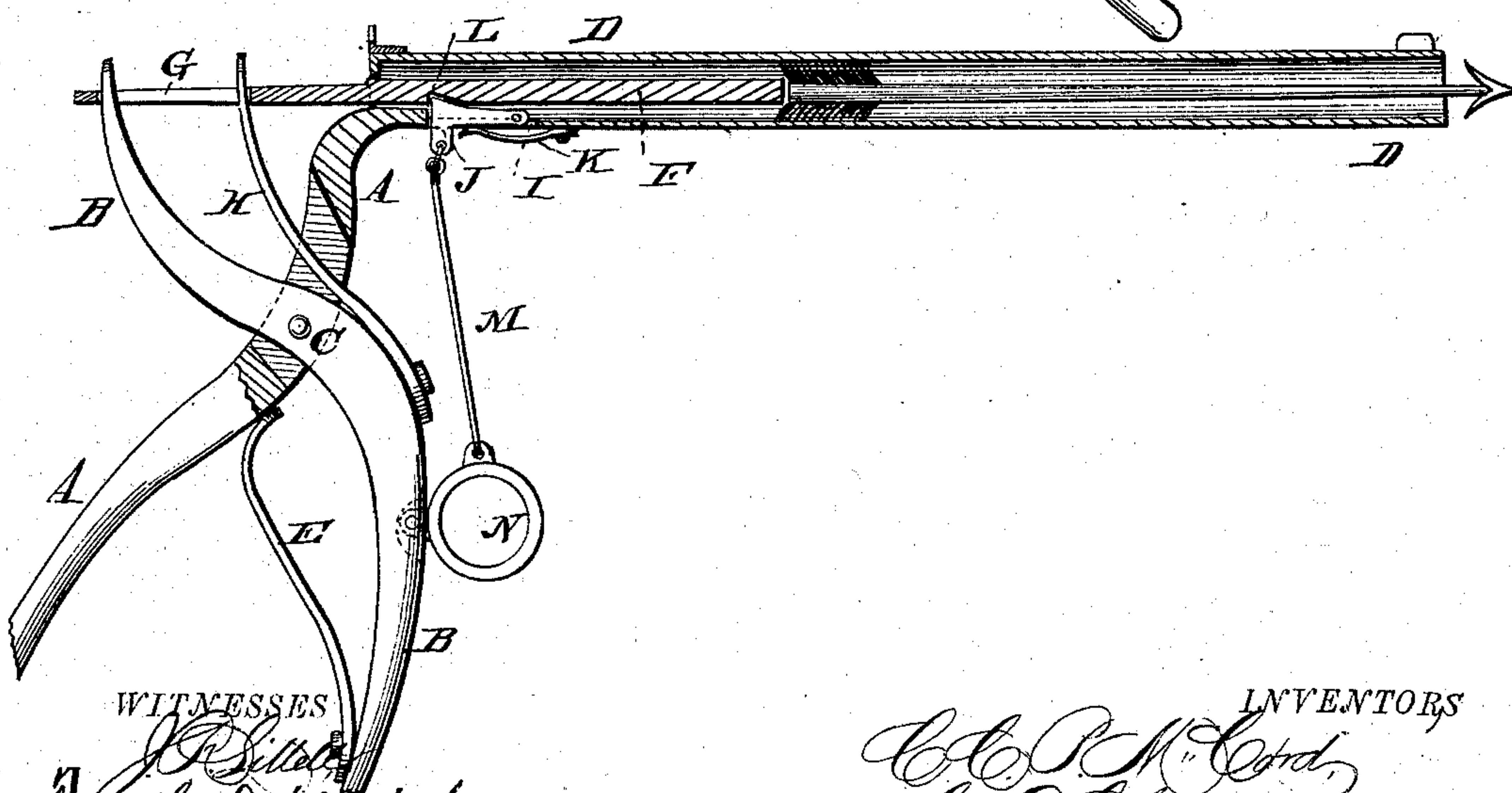
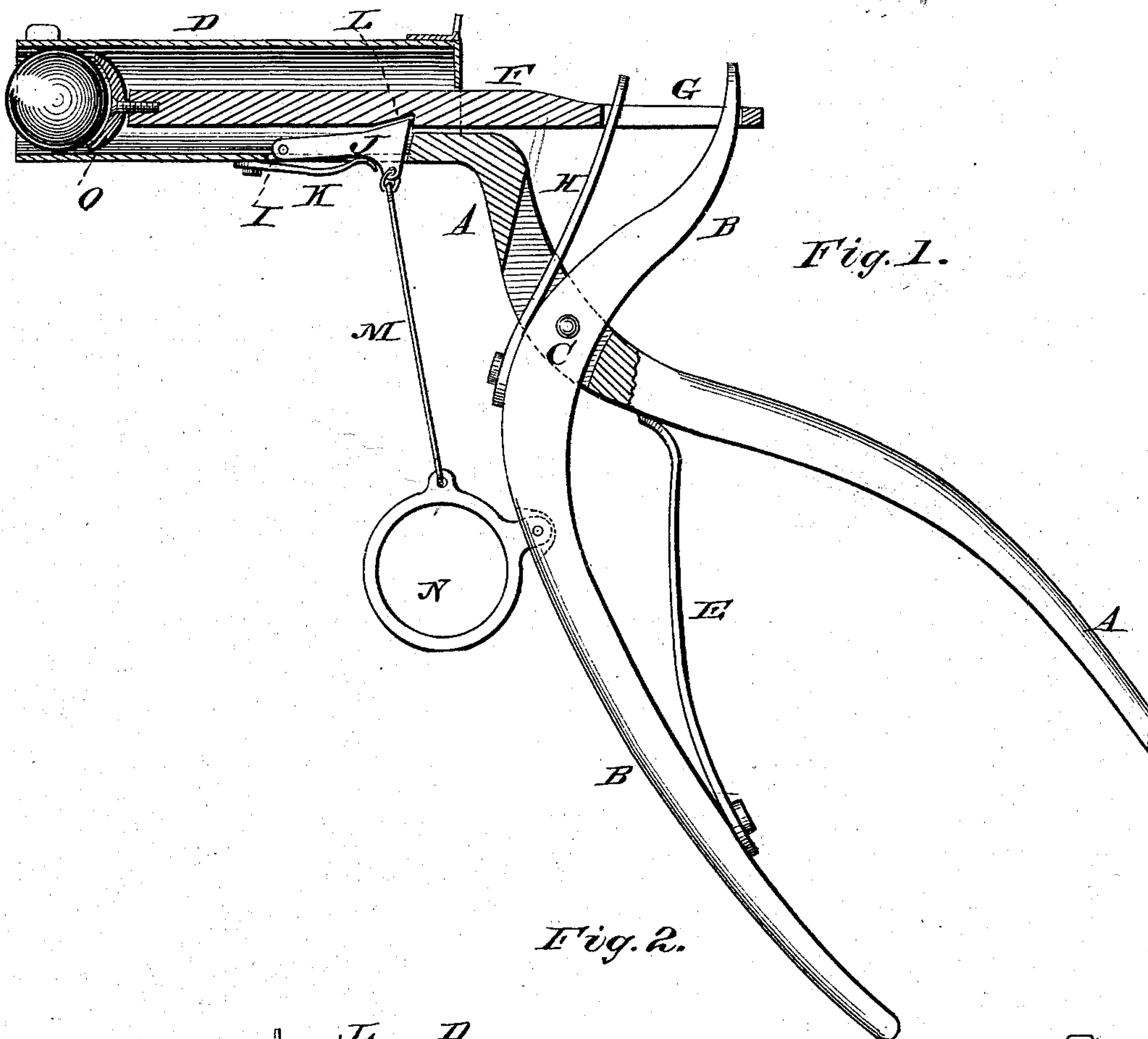
(No Model.)

C. C. P. McCORD & C. D. CHURCHILL.

TOY GUN.

No. 255,528.

Patented Mar. 28, 1882.



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# UNITED STATES PATENT OFFICE.

CHRISTOPHER C. P. McCORD AND CHARLES D. CHURCHILL, OF WALNUT GROVE, ARKANSAS.

## TOY GUN.

SPECIFICATION forming part of Letters Patent No. 255,528, dated March 28, 1882.

Application filed January 11, 1882. (No model.)

*To all whom it may concern:*

Be it known that we, C. C. P. McCORD and C. D. CHURCHILL, of Walnut Grove, in the county of Independence and State of Arkansas, have invented certain new and useful Improvements in Devices for Shooting Marbles, Arrows, and the like; and we do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

Figure 1 is a side view, partly in section, of our improved toy gun; and Fig. 2 is a similar view, illustrating a modification of the same.

Similar letters of reference indicate corresponding parts in both figures.

This invention relates to toy guns, or devices for throwing marbles, arrows, and other missiles; and it consists in certain improvements in the construction of the same, which will be hereinafter fully described, and particularly pointed out in the claims.

In the drawings hereto annexed, A and B represent a pair of lever-handles, connected by a pivot, C, after the manner of a pair of tongs. The lever A carries at its upper end a suitably-constructed cylinder or barrel, D, to receive the projectile. In Fig. 1 of the drawings this barrel is shown to be short and of sufficient diameter to receive an ordinary marble. In Fig. 2 it is shown to be longer and of a smaller bore, to receive a suitable arrow or dart.

E is a spring, which may be constructed and arranged in any suitable manner, to force the lever-handles A and B automatically apart from each other.

F is a follower sliding longitudinally in the cylinder or barrel D, and having at its rear end a slot, G, to receive the upper end of the lever-arm B.

H is a spring secured to said lever B, and having its upper free end adjusted in the slot G, bearing against the front end of the latter, and thus tending to force the follower F in a forward direction.

Pivoted in a slot, I, in the under side of cyl-

inder or barrel D is a latch, J, forced in an upward direction by a suitably-arranged light spring, K, so as to be capable of engaging a notch, L, in the under side of the follower F. The free end of said latch is connected by a string or wire, M, with a trigger, N, pivoted to the front side of the handle of lever B.

In Fig. 1 of the drawings the follower F is shown to be provided at its front end with a concave or cup-shaped disk, O, adapted to the shape of the marble or other similar missile for which this form of our improved toy gun is specially intended.

From the foregoing description, taken in connection with the drawings hereto annexed, the operation of our invention will be readily understood. When the spring E forces the levers A B apart the upper end of lever B draws the follower F back in the cylinder or barrel until the latch J engages the notch L, thus setting the device for operation. The handles A and B are now grasped by the right hand, the forefinger of which is placed upon the trigger N and compressed until the spring H presses upon the rear end of the follower F with the desired degree of force. When the trigger is touched or depressed it releases the latch J from notch L, thus causing the spring H to impel the follower in a forward direction, thus discharging the projectile, which has been previously placed in the barrel D in front of the follower.

Our improved toy gun, it will be seen, is self setting or cocking by the spring E, and may therefore be easily manipulated with one hand. The power of the discharge may be easily and nicely regulated by compressing the handles more or less, thus making the device useful for a variety of games. It is simple, inexpensive, and forms a harmless and entertaining parlor toy.

Having thus described our invention, we claim and desire to secure by Letters Patent of the United States—

1. In a toy gun, the combination of an arm or handle carrying at its upper end a cylinder or barrel, a follower sliding in said barrel and having at its rear end a longitudinal slot, a lever pivoted to said arm or handle and having



its upper end adjusted in said longitudinal slot, and a spring attached to said lever and bearing with a forward pressure against said follower, substantially as set forth.

5 2. In a toy gun, the combination of an arm or handle carrying at its upper end a cylinder or barrel, a follower sliding in said barrel and having at its rear end a longitudinal slot, a lever pivoted to said arm or handle and having  
10 its upper end adjusted in said longitudinal slot, a spring attached to said lever and bearing with a forward pressure against said follower, and a spring suitably arranged to force the ends of said arm or handle and said lever  
15 automatically apart, substantially as set forth.

3. In a toy gun, the combination of an arm or handle carrying at its upper end a cylinder or barrel, a follower sliding in said barrel and having at its rear end a longitudinal slot, a lever pivoted to said arm or handle and having  
20 its upper end adjusted in said longitudinal slot, a spring attached to said lever and bearing with a forward pressure against said follower, a pivoted latch adapted to engage a

notch in said follower, and mechanism for operating said latch, substantially as set forth. 25

4. In a toy gun, the combination of an arm or handle carrying at its upper end a cylinder or barrel, a follower sliding in said barrel and having at its rear end a longitudinal slot, a lever pivoted to said arm or handle and having  
30 its upper end adjusted in said longitudinal slot, a spring attached to said lever and bearing with a forward pressure against said follower, a pivoted latch adapted to engage a  
35 notch in said follower, mechanism for operating said latch, and a spring suitably arranged to force the ends of said arm or handle and said lever automatically apart, substantially  
40 as set forth.

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in presence of two witnesses.

CHRISTOPHER COLUMBUS PORTER McCORD.

CHARLES DAVID CHURCHILL.

Witnesses:

WILLIAM J. BROWNLEE,

HARRISON B. KENEDY.