

H. M. QUACKENBUSH.
Toy Pistols.

No: 145,238.

Patented Dec. 2, 1873.

Fig. 1.

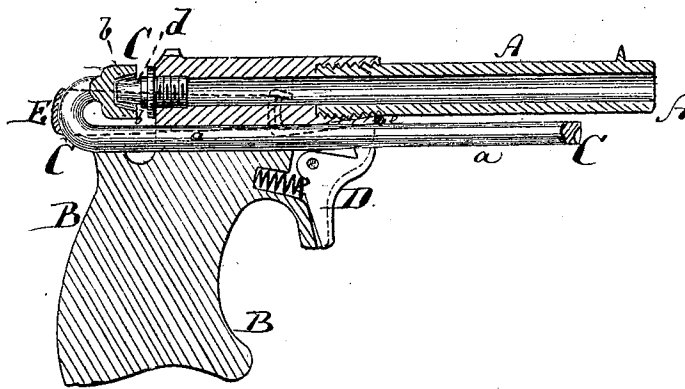
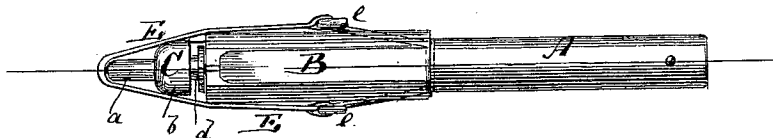


Fig. 2.



Witnesses.

John Becker
Fred Haynes

H. M. Quackenbush
by his Attorneys
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UNITED STATES PATENT OFFICE.

HENRY M. QUACKENBUSH, OF HERKIMER, NEW YORK.

IMPROVEMENT IN TOY PISTOLS.

Specification forming part of Letters Patent No. **145,238**, dated December 2, 1873; application filed November 1, 1873.

To all whom it may concern:

Be it known that I, HENRY M. QUACKENBUSH, of Herkimer, in the county of Herkimer and State of New York, have invented an Improvement in Toy Pistols, of which the following is a specification:

Figure 1 is a longitudinal section of my improved toy pistol. Fig. 2 is a top view of the same.

Similar letters of reference indicate corresponding parts in both figures.

The object of this invention is to produce a toy pistol in which the lock mechanism shall be greatly simplified, and a reliable result obtained, by devices that will also improve the appearance of the toy. The invention consists, chiefly, in combining, with a rubber or other spring for moving the hammer, a sliding L-shaped hammer, whose shank slides into the stock parallel to the barrel, the stock containing appropriate bearings for such sliding shank. The trigger merely bears against the end of this shank, and thereby keeps the hammer cocked while the spring is extended. By touching the trigger and releasing the end of the hammer, the spring is liberated, to violently throw the hammer forward against the nipple.

In the drawing, the letter A represents the barrel of my toy pistol, fastened to the stock or handle B. C is the hammer; D, the trigger, and E the spring. The hammer is L-shaped, and composed of a straight shank or bar, *a*, which passes through an aperture of the stock under the barrel, and parallel with the same, and

of an upwardly-projecting attachment, *b*, at the back end of the shank *a*, which part *b* is shaped to fit or strike the nipple *d*. The spring E is fastened to the stock, by preference, by a wire clasp, *e*, that is fitted over the front part of the stock, said spring also extending over the bend *b* of the hammer, as shown. The trigger bears against the under side of the rod *a*.

When the hammer is taken hold of and drawn back, it is, as quick as the end of the rod *a* has passed the trigger, locked by the latter in the cocked position, the spring being thereby also extended. As soon, then, as the trigger is touched, the spring will cause the hammer to be propelled forward and strike the nipple, or the cap on the same.

It is evident that, instead of placing the sliding shank within a hollow under the barrel, it may be made to slide at the side of the barrel, although greater symmetry is obtained by having it underneath.

The relative positions of trigger and spring may also be varied without departing from the spirit of my invention.

I claim—

The combination, in a toy pistol, of a sliding L-shaped hammer, C, having the shank *a* parallel, or nearly parallel, to the barrel, with the spring E and trigger D, all arranged to operate substantially as herein shown and described.

H. M. QUACKENBUSH.

Witnesses:

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