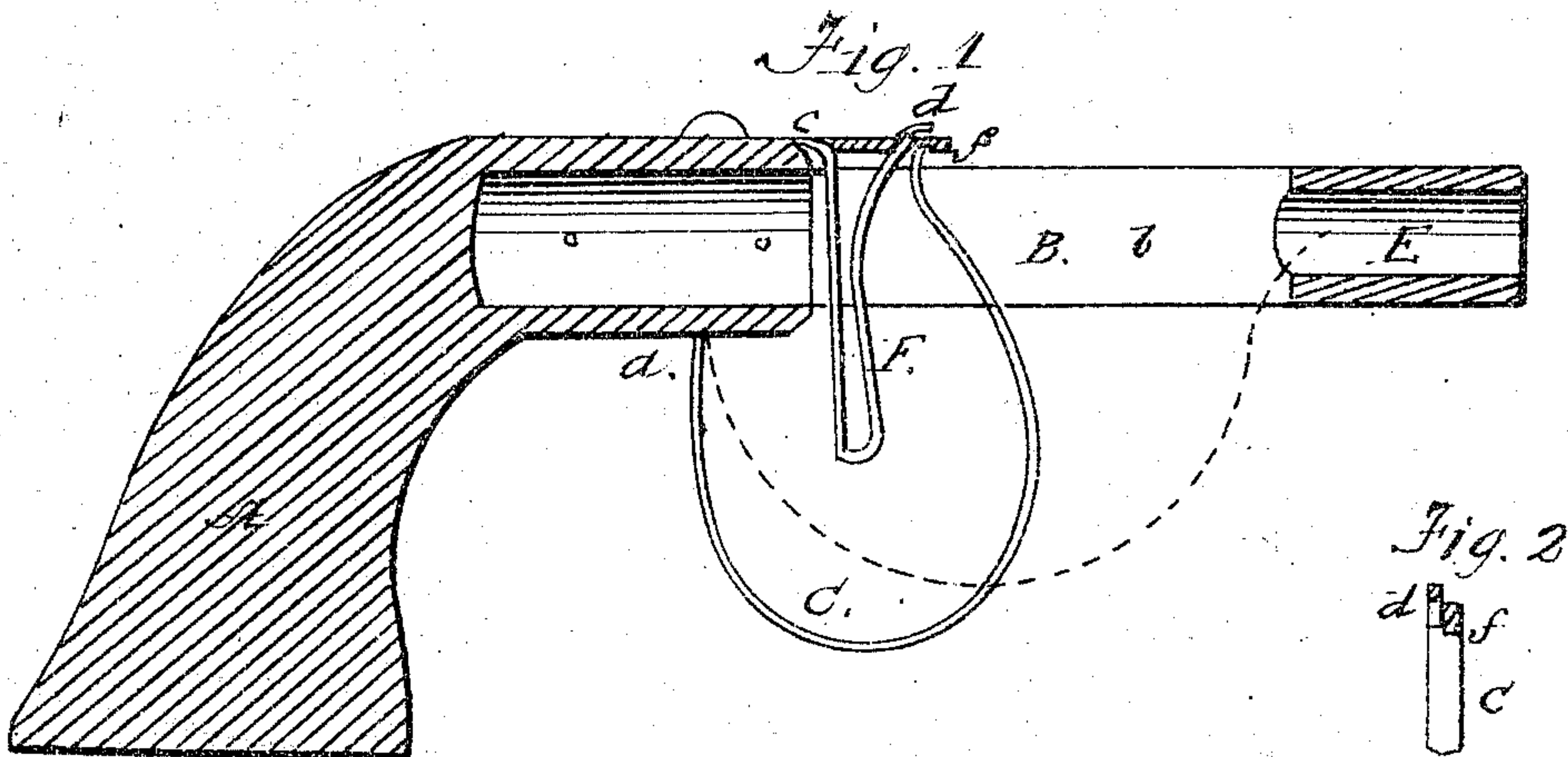


*W. H. Emory,
Toy-Pistol.*

Nº 75,885.

Patented Mar. 24. 1868.



*Attest
C B Newell
L L Davis*

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Gardner & Hyde*

United States Patent Office.

WILLIAM H. EMORY, OF ASHBURNHAM, MASSACHUSETTS.

Letters Patent No. 75,885, dated March 24, 1868; antedated March 16, 1868.

TOY-PISTOL.

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, WILLIAM H. EMORY, of Ashburnham, county of Worcester, Commonwealth of Massachusetts, have invented a certain new and useful Improved Toy; and I do hereby declare that the following is a full and accurate description thereof, reference being had to the accompanying drawings, and to letters of reference marked thereon. In the drawings—

Figure I represents a side view of my invention, and

Figure II a detail view of part of same.

This invention consists of a toy for children, constructed so as to represent a small pistol, being arranged so as to fire off torpedoes, such as are manufactured for the purpose of amusement, and also may be used for projecting light missiles, such as peas, shot, &c.

In construction, I form my toy of a stock, A, and barrel, B; a section of the latter being shown in Fig. I. The projectile force is obtained by means of a spring, C, fastened at one end on the underneath side of the front portion of the stock at *a*, the other end being arranged so as to fly in a vertical slot, *b*, cut through the barrel. A lock and trigger, F, to this spring is formed in the following manner: A piece of spring-wire is fastened at the top of the barrel or stock at I; it is then bent down through the rear part of the slot *b*, and brought back again to the upper portion of the slot, where it ends in a small hook, *d*, leaving a lever, consisting of a double wire, below the barrel for the trigger. A catch for the end of the spring C, when bent back, is formed by cutting a notch, *f*, in the end of a horizontal piece of wire, fastened upon the stock or barrel, and projecting over the rear part of the slot *b*; the notch in this piece being on one side of and a little beneath the hook *d*. In the front portion of the barrel is the bore, E, which extends back a small distance past the front end of the slot *b*, so that the spring C enters the rear portion of the bore when it is sprung.

The operation of this device is as follows: The spring being bent back, and the end of it caught in the notch *f*, where it is held, the torpedo or missile is then placed in the bore, resting against the rear portion of it. Now, by pulling the trigger, the hook *d* presses down against the end of the spring, forcing it out of the notch, and allowing it to fly against the charge in the front end of the barrel. The spring of the wire forming the trigger causes the latter to fly back into its place when the pressure of the finger is removed.

By this means I obtain an amusing toy, cheaply and easily constructed, and not liable to get out of order, by which torpedoes may be exploded without danger of hurting any one.

Now, having described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination of the spring C with the sloped barrel B, and the trigger and lock F, the parts being arranged substantially as and for the purpose herein described.

WILLIAM H. EMORY.

Witnesses:

EDWARD H. HYDE,

R. F. HYDE.