

E. W. Keyes
Torpedo Toy-Gun.

N^o 75767

Patented Mar. 24, 1868

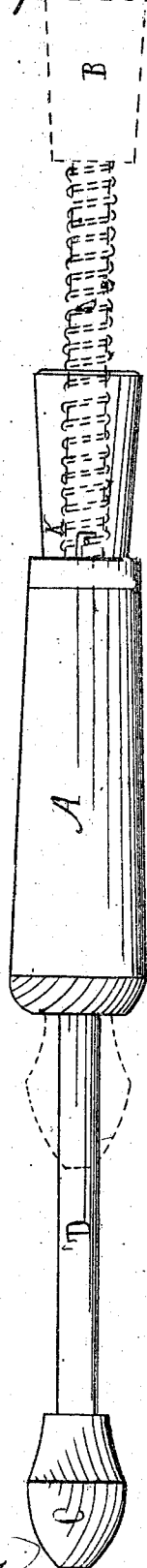


Fig 1

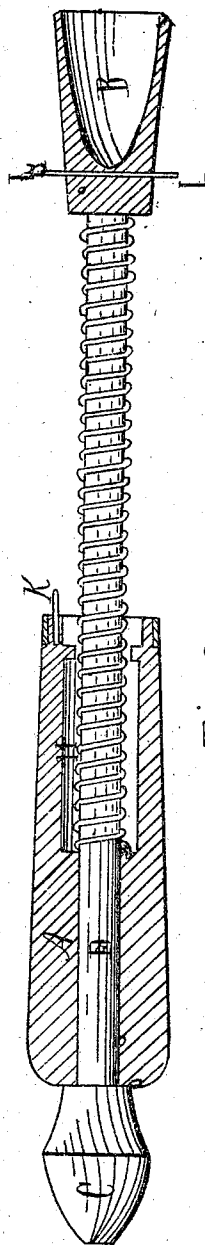


Fig 2

Inventor

Eben W. Keyes

Witnesses

Frank G. Parker
A. Leon Perry

United States Patent Office.

EBEN W. KEYES, OF BOSTON, MASSACHUSETTS.

Letters Patent No. 75,767, dated March 24, 1868.

TORPEDO TOY-GUN.

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, EBEN W. KEYES, of Boston, in the county of Suffolk, and State of Massachusetts, have invented certain new and useful Improvements in Torpedo Needle-Guns; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in attaching to one end of a rod, which passes through a handle, and is operated by a spring, a socket or cup for holding the torpedo, and to the other end of the same rod a knob or ring, which serves as a handle for drawing the rod back; also, in combining with the same a peculiar device for holding the rod back against the action of the spring.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and use. In the drawings—

Figure 1 is an elevation of my gun, showing in full lines the rod drawn back and held by the hook K. The dotted lines represent the rod snapped out.

Figure 2 is a longitudinal section of the same, but showing the rod and spring in full.

A represents a handle, made of any suitable material, bored out, as shown. Through the handle the rod D passes, having attached to one end the cup B, for receiving the torpedo, and to the other end the knob C. S is a spring, acting against B, and reacting on the lower end of the cavity H. L L are small pins, made fast in B, either one of which may serve to hook into K, and thus hold the rod back until it is desired to snap off the gun, which may be readily done by turning the rod slightly.

To use the gun, the torpedo is placed in the cup B, the rod is drawn back by the knob C. If now the rod is released it will be sent violently back by the action of the spring, and the torpedo will be projected from the cup. If desirable, the rod may be hooked back by the pin L and hook K, to be discharged when desired, by turning the rod slightly, so that the pin L will escape from the hook K.

Having thus described my invention, I will now proceed to set forth my claim.

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

1. Attaching to one end of the rod D a cup for holding the torpedo, and to the other end a knob or ring for pulling back the rod, operated by a spring, substantially as described, and for the purpose set forth.
2. Combining with the above the pin L and hook K, substantially as described, and for the purpose set forth.

EBEN W. KEYES.

Witnesses:

FRANK G. PARKER,
A. HUN BERRY.