

G. B. ADAMS.
DETONATING TOY.

No. 177,316.

Patented May 16, 1876.

Fig:1.

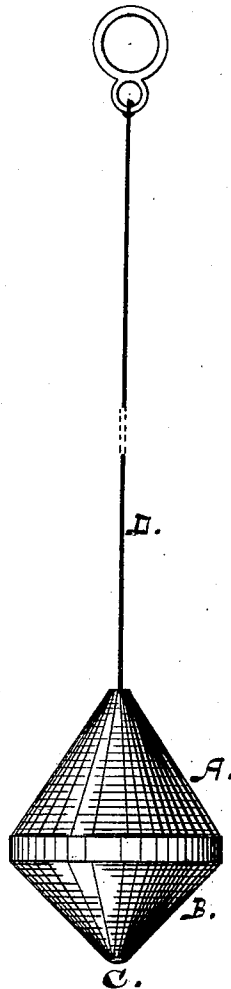


Fig:2.

Witness
Horace Harris
J. R. Dorman

Inventor
Geo. B. Adams.

UNITED STATES PATENT OFFICE.

GEORGE B. ADAMS, OF NEWARK, NEW JERSEY, ASSIGNOR TO JOSEPH A. HALLIDAY AND ADAM M. HALLIDAY, OF SAME PLACE.

IMPROVEMENT IN DETONATING TOYS.

Specification forming part of Letters Patent No. **177,316**, dated May 16, 1876; application filed February 26, 1876.

To all whom it may concern :

Be it known that I, GEORGE B. ADAMS, of Newark, in the county of Essex and State of New Jersey, have invented a certain Improvement in Detonating Toys, called the "Centennial Torpedo," of which the following is a specification :

My invention is of a toy for the entertainment of children, whereby, in the throwing or dropping of a small ball, or somewhat similar-shaped body, against a hard substance, there will be a sharp report, as of an ordinary toy torpedo.

Figure 1 is a side elevation of the toy. Fig. 2 is an edge view of a fulminating-pellet that may be used with the ball.

In construction I have a small ball or sub-globular body, A, having an obtuse-pointed end, usually turned out of wood, but may be of other material, having the lower end B weighted with a metal center, C, so that if the ball be dropped or thrown from the hand this weighted end will be the first to strike; and on this end is placed, in some form, a fulminating pellet or cap, or some other explosive. As pellets, they are prepared between two layers of paper pasted together, and on one side of the paper is put, either in sheets or singly at the time, an adhesive preparation, and by this the piece of paper having the pel-

let is pasted onto the end of the ball, over the end of the metal for weighting it. Then, when the ball is thrown or dropped against a hard substance, the pellet will explode, making a loud noise for the children on the 4th of July, like an ordinary torpedo. If a percussion-cap be used the metal weight in the end will terminate in a small tube or nipple-shaped projection suitable to receive it, for the same purpose.

To the upper end of this ball I attach a string, D, usually of rubber, but not necessarily so, to keep the ball from flying off too far and to return it to the hand.

The charge may be repeated at will, and much "celebrating" be carried on at a slight expense, and with no more harm than from a toy torpedo.

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

1. The ball or body A, with the weighted end B, for exploding detonating-pellets, substantially as specified.

2. The ball or body A, constructed with the weighted point or end B, and the cord D attached to said body, as specified.

GEORGE B. ADAMS.

Witnesses :

HORACE HARRIS,
J. R. DENMAN.