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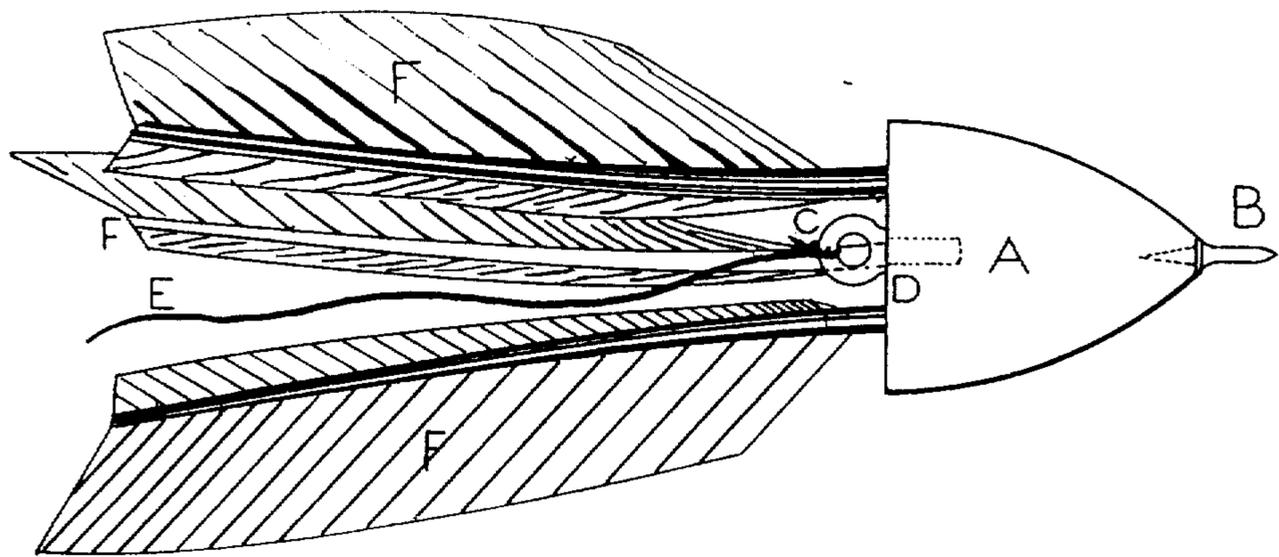
(No Model.)

J. D. HOOKER.

TOY DART.

No. 282,638.

Patented Aug. 7, 1883.



WITNESSES

Geo. F. Schorr
H. E. Pierce

INVENTOR

John D. Hooker
by *George Parady*
Atty

UNITED STATES PATENT OFFICE.

JOHN D. HOOKER, OF SAN FRANCISCO, CALIFORNIA.

TOY DART.

SPECIFICATION forming part of Letters Patent No. 282,638, dated August 7, 1883.

Application filed January 27, 1883. (No model.)

To all whom it may concern:

Be it known that I, JOHN D. HOOKER, of San Francisco, State of California, have invented a new and Improved Toy, of which the following is a specification.

My invention consists in an improved dart, which can either be thrown direct from the hand or swung by a string attached thereto to be released to fly forward with centrifugal force to stick into a target at which it may be aimed.

In the accompanying drawing the figure is a full-sized view of my device.

The dart consists of a wooden or metal ball, A, with a spike, B, projecting from its surface. At the opposite side to where the spike projects a wire stem, C, is provided, with an eye, D, at the end, to which eye is attached a string, E.

F F F are three of the wing or tail feathers of a fowl, stuck into the flat face of the conical ball A, and so twisted and set in relation to each other as to have the effect of giving the dart a rotary motion as it flies through the air.

The ball may be of wood or metal, and either round or conical in shape.

The dart may be thrown from the hand direct for short distances, or from the end of the string E by swinging it around once or twice and then suddenly releasing it to fly forward with great force. The string can be used also to draw the dart back out of the target it may be thrown at, thus saving the operator from traveling back and forth in recovering his dart.

I do not broadly claim the invention of a toy dart having a spike in front and retarding-wings behind, for many such darts are known. My device consists in the particular way I make the dart.

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

The improved toy dart consisting of the combination of the ball A, spike B, secured therein, and the tail-feathers F, secured directly in and projecting from the ball A, in the manner described, and for the purpose set forth.

JNO. D. HOOKER.

Witnesses:

E. R. HOOKER.
W. R. PRICE.