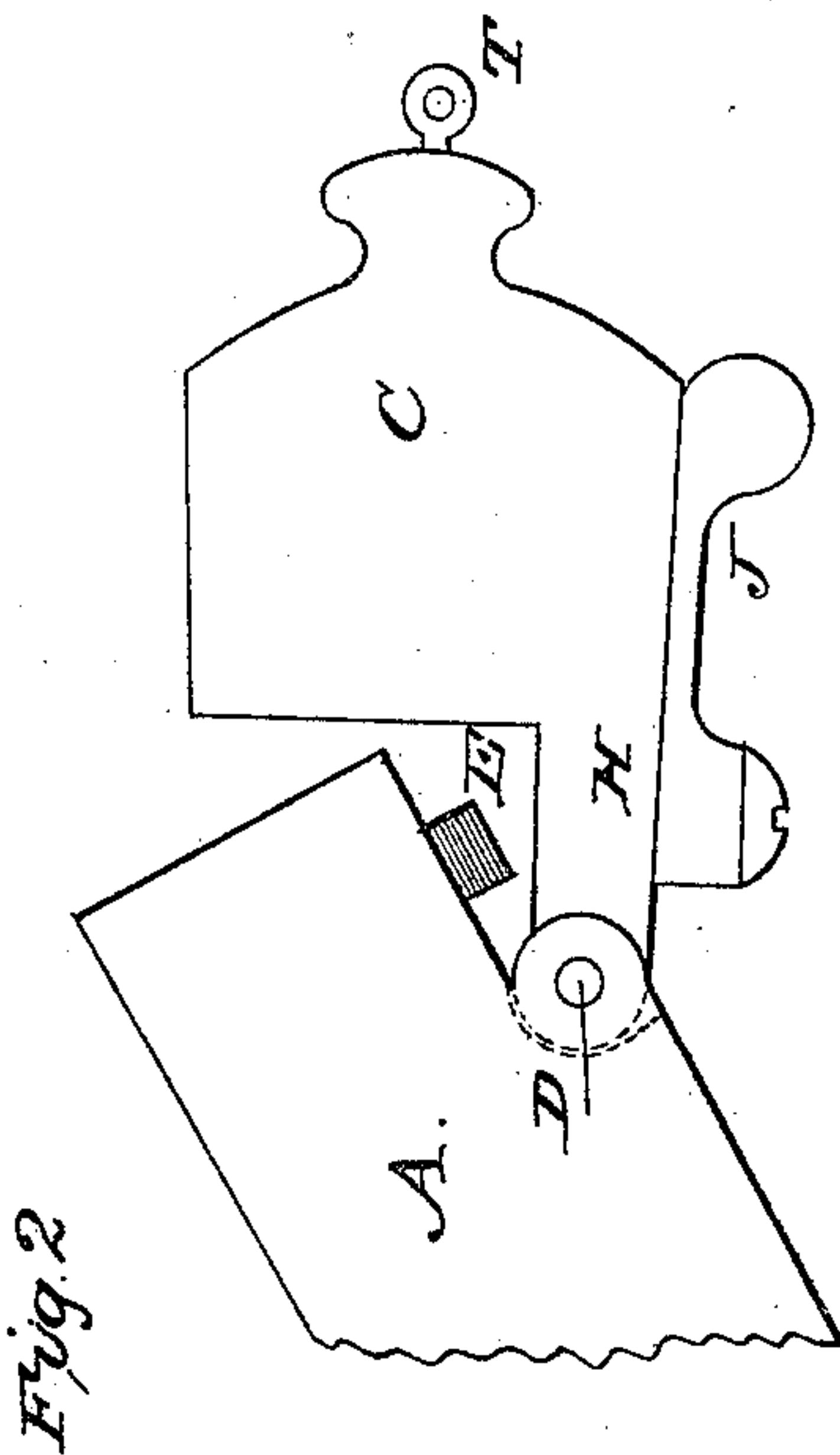
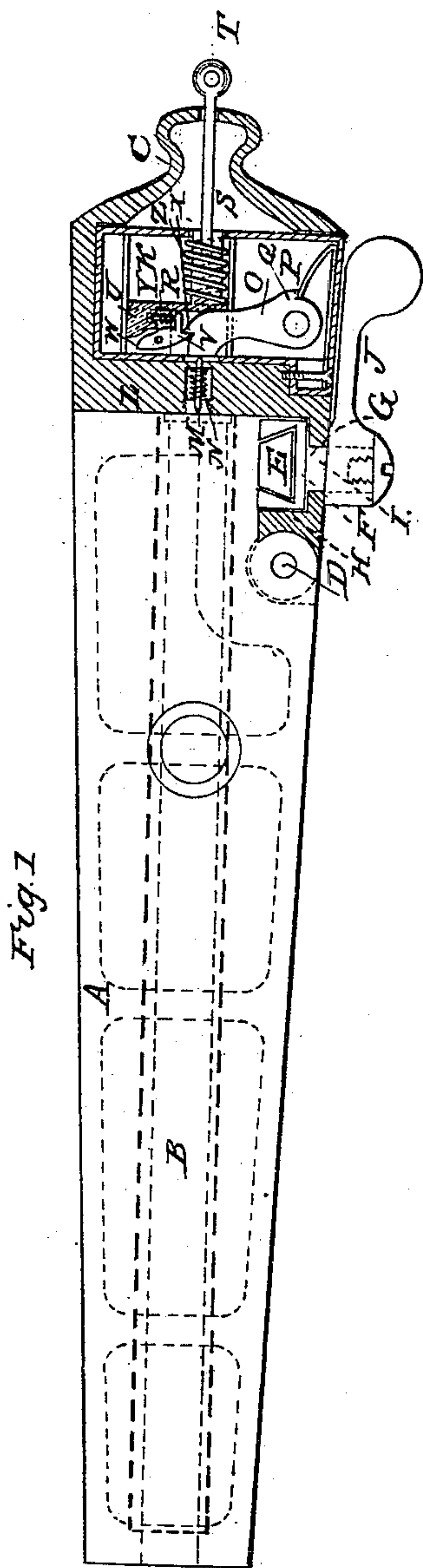


(No Model.)

A. DICKERMAN.
BREECH LOADING ORDNANCE.

No. 270,289.

Patented Jan. 9, 1883.



WITNESSES:

Ed. L. Dietrich
Chas. R. Burr

INVENTOR.

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ATTORNEYS.

UNITED STATES PATENT OFFICE.

AMOS DICKERMAN, OF NEW HAVEN, CONNECTICUT.

BREECH-LOADING ORDNANCE.

SPECIFICATION forming part of Letters Patent No. 270,289, dated January 9, 1883.

Application filed June 27, 1882. (No model.)

To all whom it may concern:

Be it known that I, AMOS DICKERMAN, of New Haven, in the county of New Haven and State of Connecticut, have invented certain
5 new and useful Improvements in Breech-Loading Ordnance; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to
10 make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

Figure 1 is a longitudinal sectional view, and Fig. 2 is a side view showing the breech open.
15 Similar letters of reference indicate corresponding parts in both figures.

This invention relates to breech-loading ordnance, and more especially to small pieces known as "yacht-guns;" and it consists in
20 certain improvements in the construction of the same, which will be hereinafter fully described, and particularly pointed out in the claim.

In the drawings hereto annexed, A represents the barrel, which is cored to receive the tube B, forming the bore.

C is the butt-block, which is hinged to the under side of the rear end of the barrel by a pin, D. The under side of the barrel has a
30 bevel-sided or dovetailed stud, E, adapted to engage a suitably-constructed cam, F, arranged in a recess, G, in the hinge-arm H of the butt, and fixed upon a vertical stem or shaft, I, having at its lower end a lever, J, by
35 which it may be manipulated so as to secure the butt in a closed position when required. The butt-block C is recessed to form a chamber, K, in the front wall of which, L, the firing-pin M is placed, said pin being forced automatically in a rearward direction by a suitably-
40 arranged spring, N. Pivoted between the sides of the recess is the hammer O, which is thrown forward by a strong spring, P, secured to the bottom of the recess, and engaging a lug or
45 projection, Q, upon the hammer.

R is a follower sliding longitudinally in the recess K, and having a pin or stem, S, projecting through the rear end of the butt, and having an eye, T, to which a cord or chain may be

attached. The follower R carries a slide, U, 50 to which is pivoted a dog, W, having a tooth, V, engaging a recess or notch, X, in the upper end of the hammer. The dog W is forced automatically in a forward direction by a suitably-arranged spring, Y. A spring, Z, is coiled
55 around the follower R between slide U and the rear end of recess K to force said follower in a forward direction.

In operation, when a cartridge has been inserted and the breech closed it is only necessary, in order to discharge the piece, to draw
60 the stem S in a rearward direction. The dog W, engaging the hammer, pulls the latter back against the tension of spring P, until the tooth V slips out of the notch X, thus releasing
65 the hammer, which is then forced forward by the spring P, so as to strike the firing-pin and discharge the piece. When the stem S is released the spring Z returns the follower to its original position, the spring Y permitting the
70 dog W to yield until its tooth V again engages the notch X in the hammer.

By coring the gun, as herein described, the loudness of the report is much increased, which in this class of guns, which are generally
75 used for signals only, is of course of importance.

I claim and desire to secure by Letters Patent—

The combination, with the barrel, of the
80 hinged breech block or butt C, having chamber K, the firing-pin M, fitted in the front wall of said chamber, the hammer O, pivoted between the sides of said chamber, the hammer-spring P, the follower R, having stem S projecting
85 through the rear end of the breech-block, and slide U, formed by an upward extension of said follower, the dog W, pivoted to slide U, and having actuating-spring Y, and the spring Z, coiled around the follower, and forcing the
90 same in a forward direction, as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

AMOS DICKERMAN.

Witnesses:

GEORGE FRANKLIN BURGESS,
WILLIAM EDGAR JENNINGS.