

W. H. Tupper.

Pouncing Hats.

N^o 26132

Patented Nov. 15, 1859.

Fig. 1.

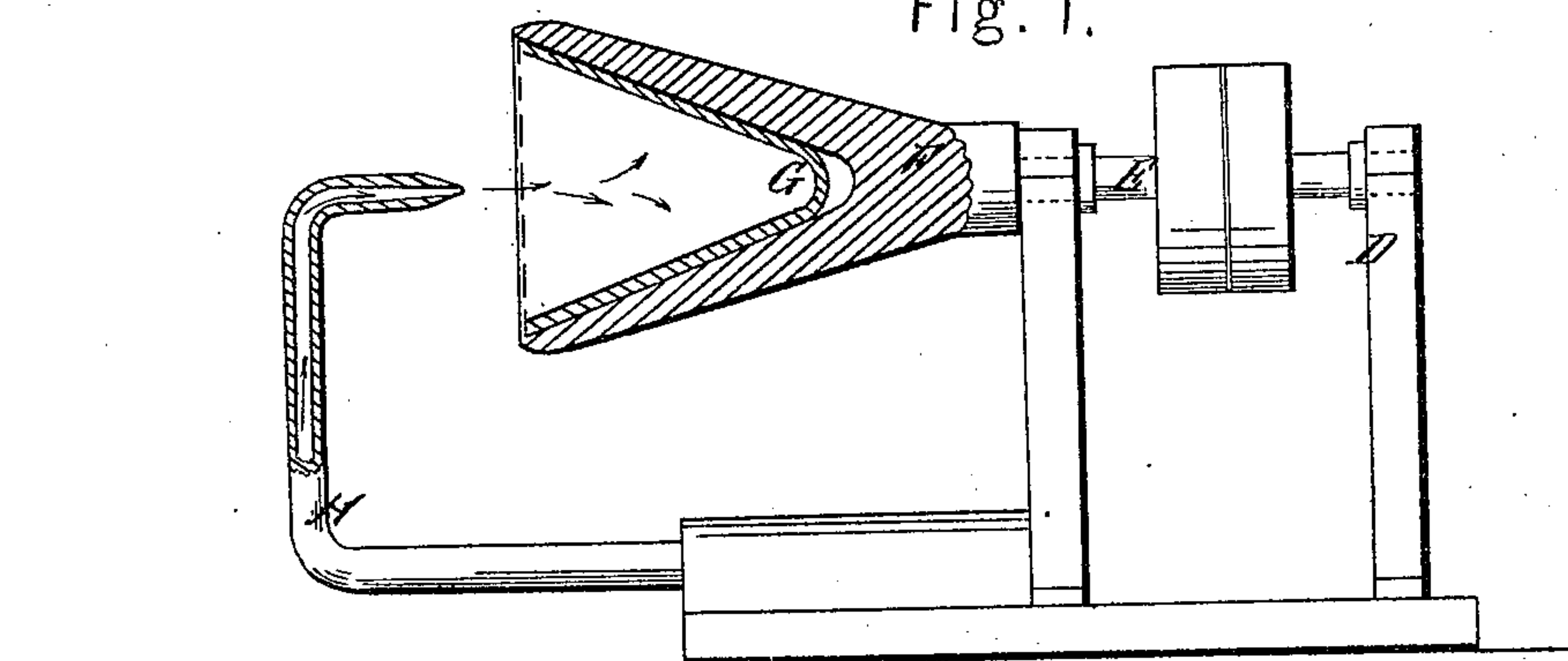


Fig. 2.

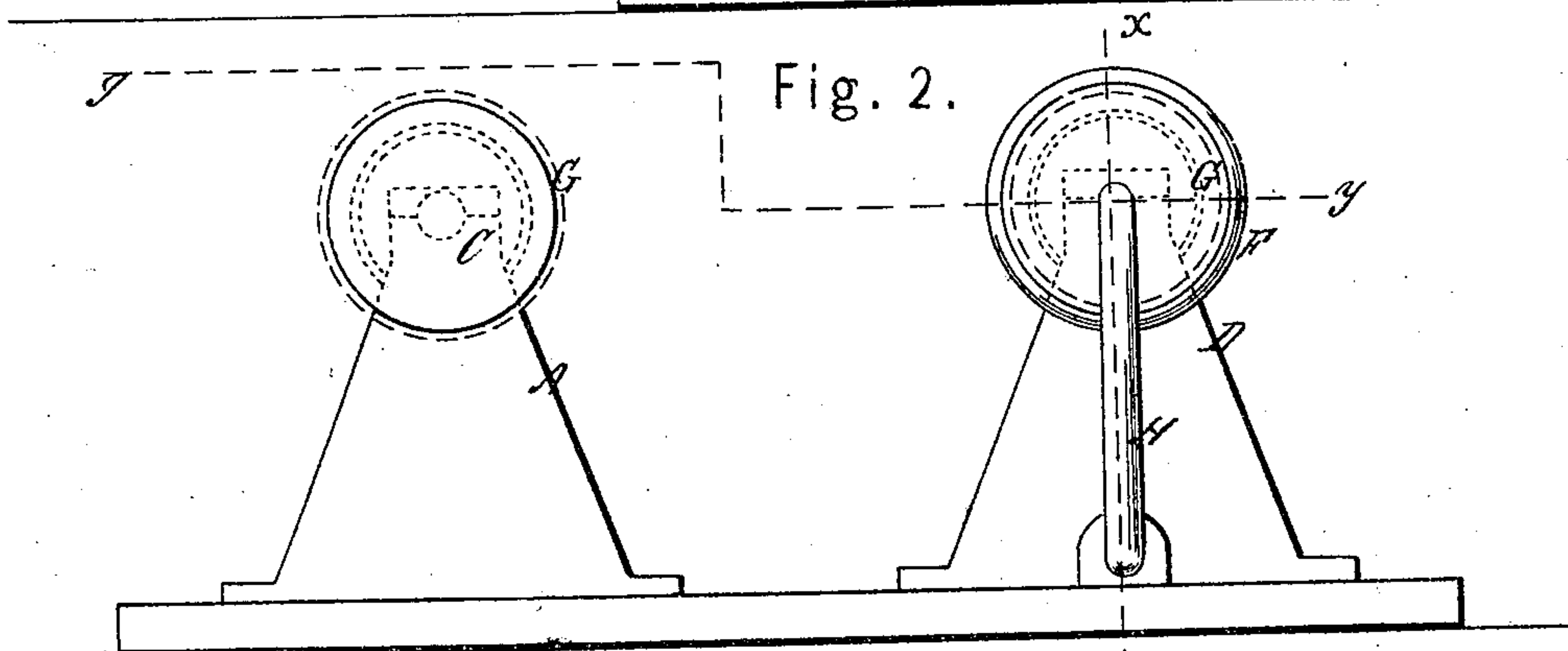
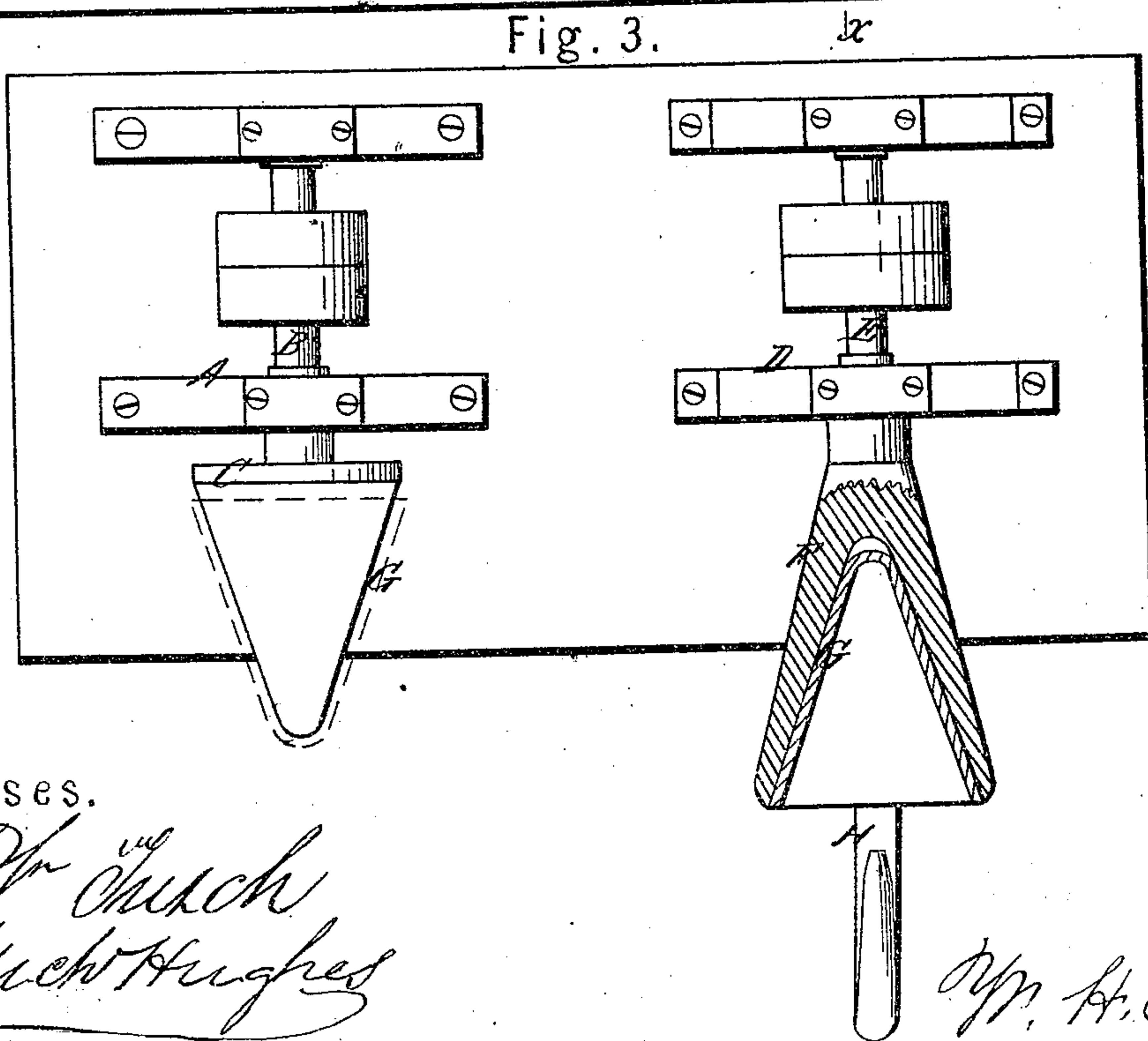


Fig. 3.



Witnesses.

Wm. Church
Wm. Hughes

Inventor.

Wm. H. Tupper

UNITED STATES PATENT OFFICE.

W. H. TUPPER, OF NEW YORK, N. Y.

POUNCING HAT-BODIES.

Specification of Letters Patent No. 26,132, dated November 15, 1859.

To all whom it may concern:

Be it known that I, W. H. TUPPER, of the city, county, and State of New York, have invented a new and useful Apparatus or
5 Device for Pouncing Hat-Bodies, and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, in
10 which—

Figure 1, is a vertical section of my invention, taken in the line x, x , Fig. 2. Fig. 2, a side view of the same. Fig. 3, a horizontal section taken in the line y, y , Fig. 2.
15 Similar letters of reference indicate corresponding parts in the several figures.

To enable those skilled in the art to fully understand, use and construct my invention I will proceed to describe it.

20 A, represents a framing constructed or arranged in any proper way to support a shaft or mandrel B, on one of which a cone C, of wood or other suitable material is placed.

25 D, is a framing which supports a shaft or mandrel E, having on one end a hollow cone F. The apex or smaller end of the hollow cone F, is attached to the shaft or mandrel E, but the base or larger end of the
30 cone C, is attached to its shaft or mandrel B, see Fig. 3.

The interior of the hollow cone F, and the solid cone C, are about equal in capacity, so that a hat-body that may be fitted on cone
35 C, may be received within the hollow cone F, see more particularly Fig. 3, in which a hat-body G, is shown in red.

H, is a tube the orifice of which is in line with the apex or inner end of the interior of the hollow cone. This tube H, communi- 40 cates with a fan box or any wind generating device. The orifice of tube H, is at some distance from the outer end of the hollow cone F, as shown plainly in Fig. 1.

The operation is as follows:—The cones C, 45 F, are made to rotate at high velocity, about 1200 revolutions per minute. The body G, is placed on the cone C, and the attendant or operator then presses sand paper on the body which rotates with the cone C, the 50 outer side of the body being smoothed and perfectly dressed thereby. The body G, is then placed within the cone F, and is retained therein by the blast from tube H, the operator pressing sand paper against the 55 inner surface of the body. The blast from tube H, also removes dust, fibers, etc., from within the body G, in cone F, as said body is being operated on at its inner side. The tube H, may also be applied to cone C, for 60 the same purpose as applied to cone F.

The axes of the cones may be in any position, but probably a horizontal position would be preferable.

What I claim as new and desire to secure 65 by Letters Patent, is—

The employment of an air blast to cleanse and hold the body G, within the hollow cone F, while the said body is being rotated and pounced as herein shown and described.

W. H. TUPPER.

Witnesses:

WM. TUSCH,
W. HUGHES.