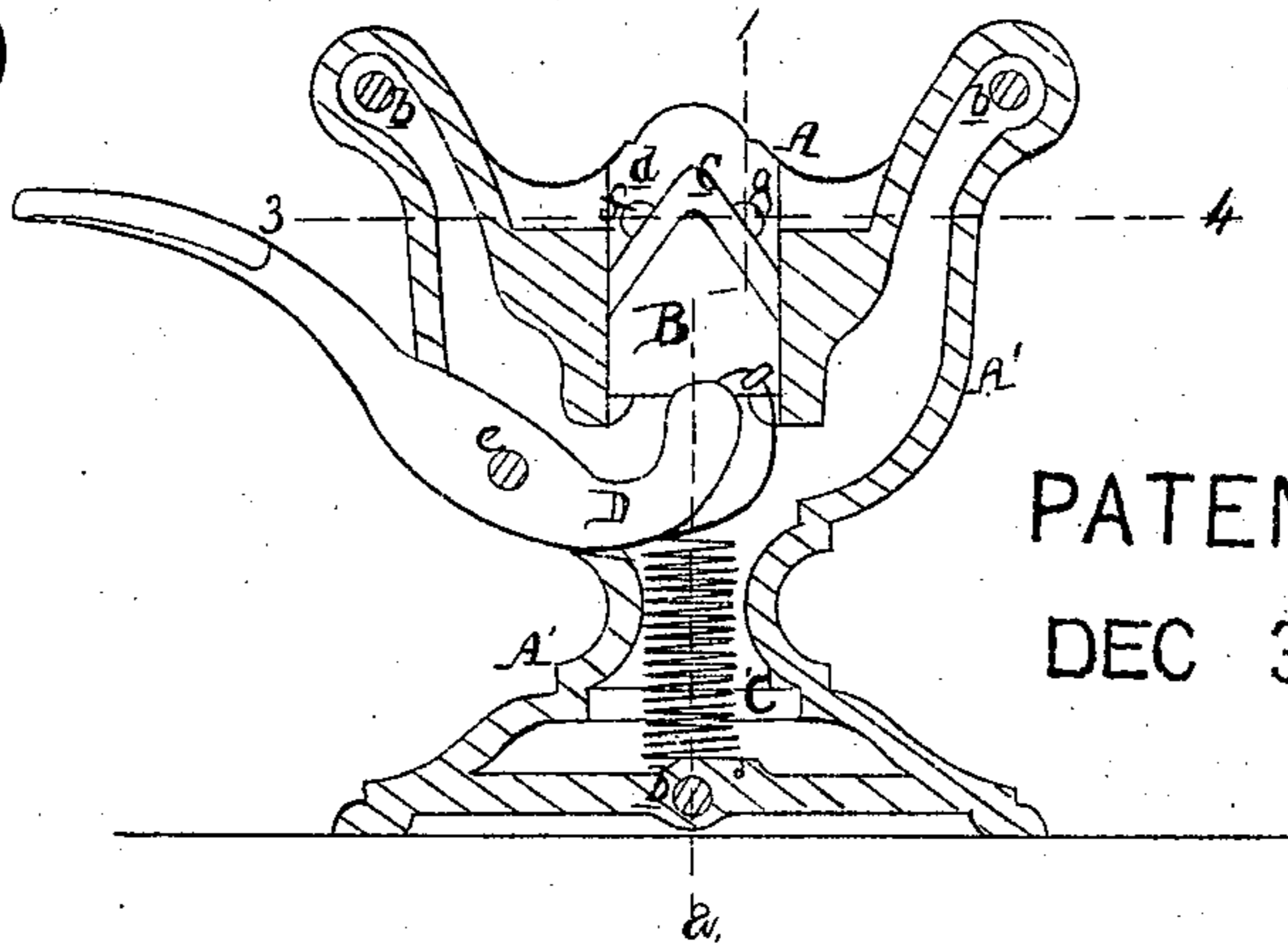


C. Froehlich
Instrument for Cutting off the Ends of Segars.

71600

FIG. 1.



PATENTED
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FIG. 2.

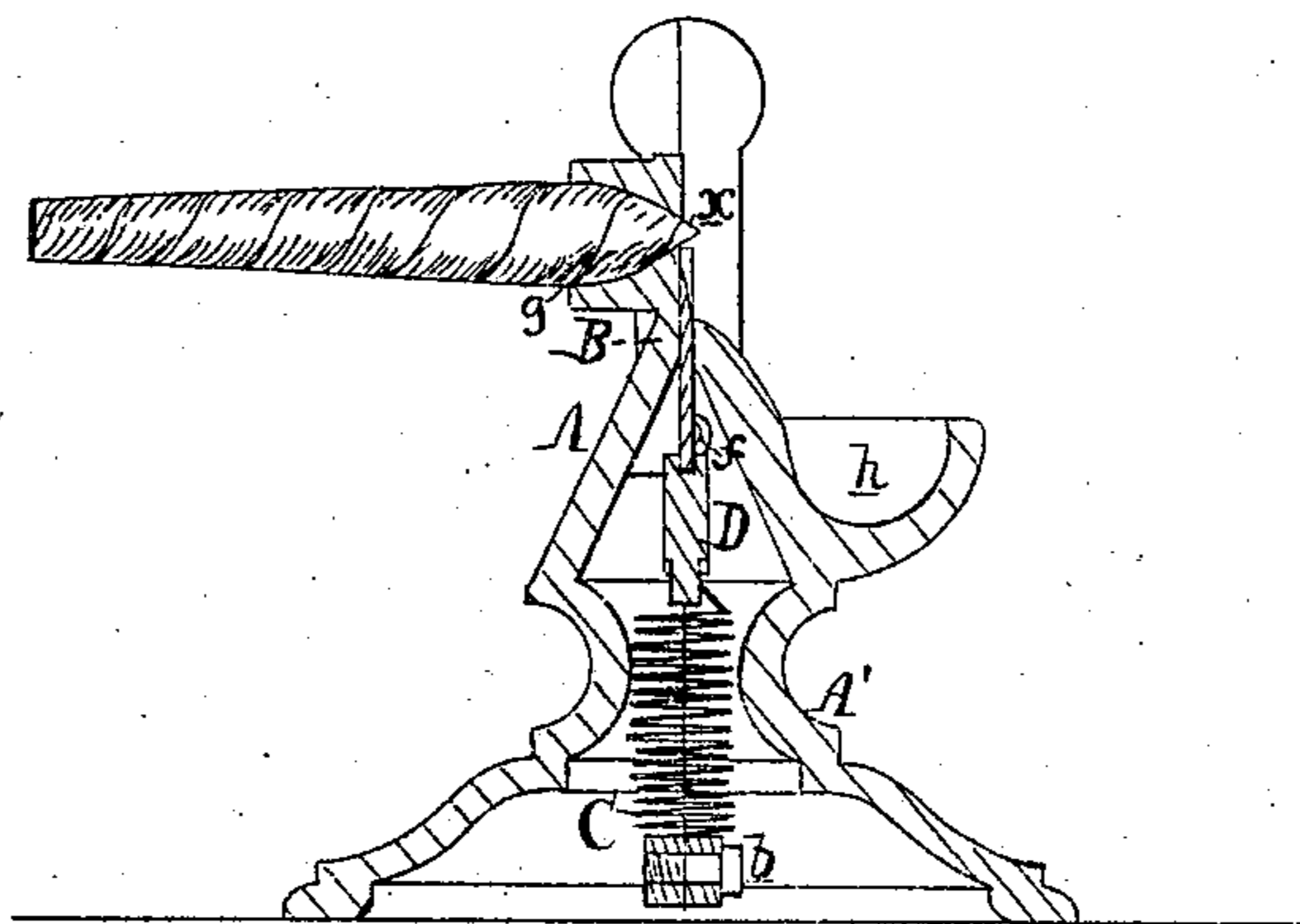
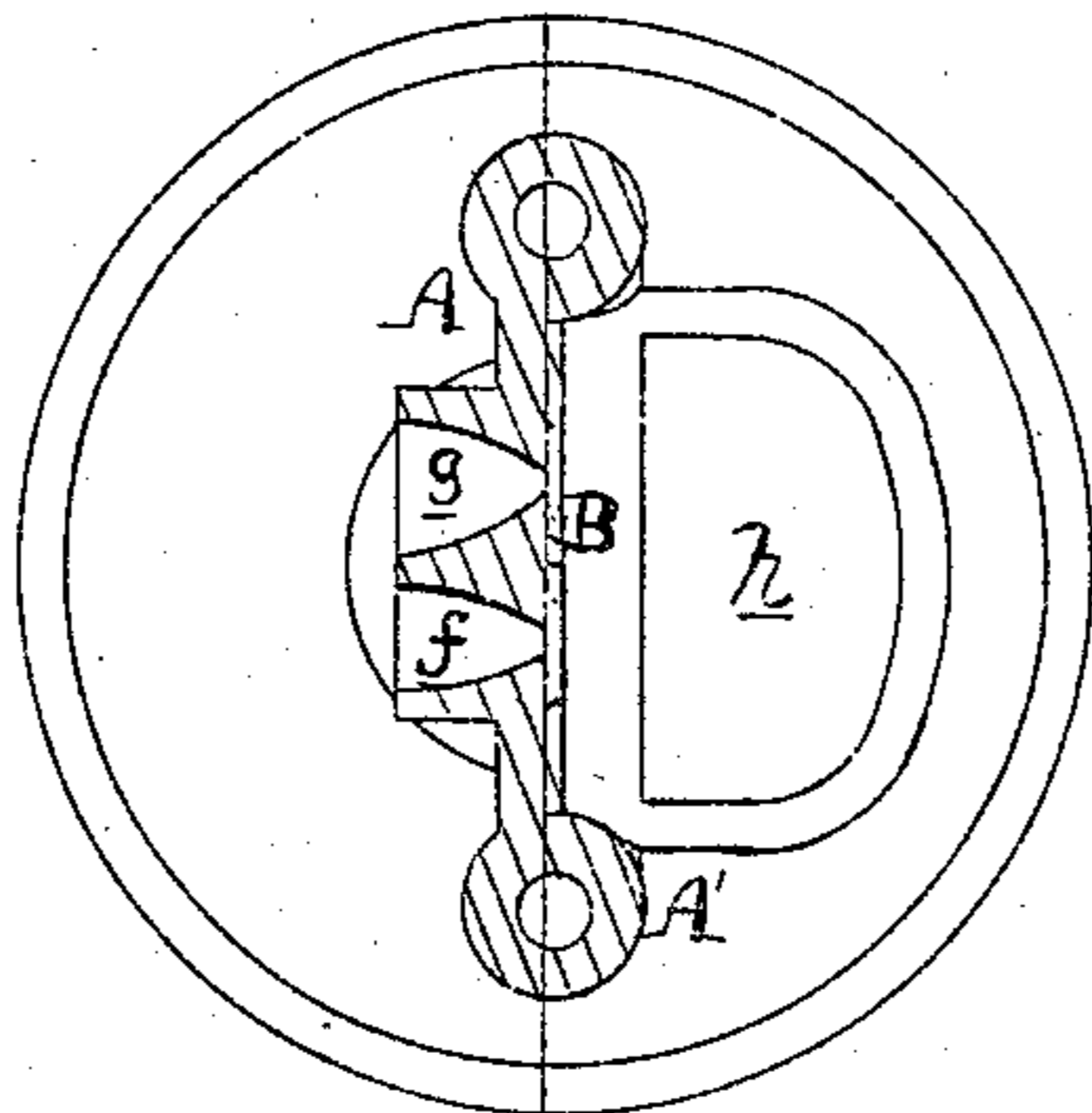


FIG. 3.



Witnesses { *Wm. Albert Steel*
John Parker.

C. Froehlich
 By his Atty
H. Brown

United States Patent Office.

CONRAD FROEHLICH, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 71,600, dated December 3, 1867.

IMPROVEMENT IN AN INSTRUMENT FOR CUTTING THE TIP FROM CIGARS PREPARATORY TO SMOKING.

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, CONRAD FROEHLICH, of Philadelphia, Pennsylvania, have invented an Instrument for Cutting off the Ends of Cigars; and I do hereby declare the following to be a full, clear, and exact description of the same.

My invention consists of an instrument, constructed substantially as described hereafter, for the purpose of cutting off the tips of cigars preparatory to smoking the same, thereby avoiding the necessity of wounding the cigars by biting them in the usual manner.

In order to enable others to make and use my invention, I will now proceed to describe its construction and operation, reference being had to the accompanying drawing, which forms a part of this specification, and in which—

Figure 1 is a sectional view of my instrument for cutting off the ends of cigars.

Figure 2, a section of the same on the line 1 2, fig. 1; and

Figure 3, a sectional plan view on the line 3 4, fig. 1.

Similar letters refer to similar parts throughout the several views.

The hollow frame of the instrument, of cast iron or other metal, consists of two parts, A and A', connected together at the points *b b b*, by screws or rivets. A flat blade, B, having an angular cutting-edge, *c*, is arranged to slide vertically in an opening, *d*, between the two portions A and A' of the frame, and a spiral spring, C, connected to the blade and to the frame, has a tendency to depress the former. The short arm of the lever D, which is hung to the frame of the instrument by a pin, *e*, bears against the under edge of the blade B, as shown in fig. 1. Two conical openings *f* and *g*, of different sizes, are formed in the portion A of the frame, and communicate with the opening *d*, and beneath these openings, and in the portion A' of the frame, is formed a dish or receiver, *h*, for a purpose described hereafter. The conical openings *f* and *g* are adapted to cigars of different sizes, and in using the instrument the end of the cigar is introduced into one of these openings until its tip *x* projects through the same, as shown in fig. 2. When the knife B is elevated by operating the hand-lever D, its cutting-edge passes close to the openings *f* and *g*, and slices off the tip *x* of the cigar, which falls into the dish *h* of the frame formed for its reception. In biting off the tip of a cigar in the usual manner, the body of the cigar is apt to become cracked and mutilated, an objection obviated by the use of my invention, as the tip fits snugly in one of the openings while being cut.

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

1. The within-described instrument, consisting of a frame constructed substantially as described, one or more conical openings *f* and *g*, knife B, and operating-lever D, all being arranged and operating substantially as set forth.

2. The combination of the above with the receiver *h*.

In testimony whereof, I have signed my name to this specification in the presence of two subscribing witnesses.

C. FROEHLICH.

Witnesses:

JOHN WHITE,

W. J. R. DELANY.