

No. 753,941.

PATENTED MAR. 8, 1904.

E. WALKER.
CIGAR TIP CUTTER.
APPLICATION FILED SEPT. 4, 1903.

NO MODEL.

2 SHEETS—SHEET 1.

Fig. 1.

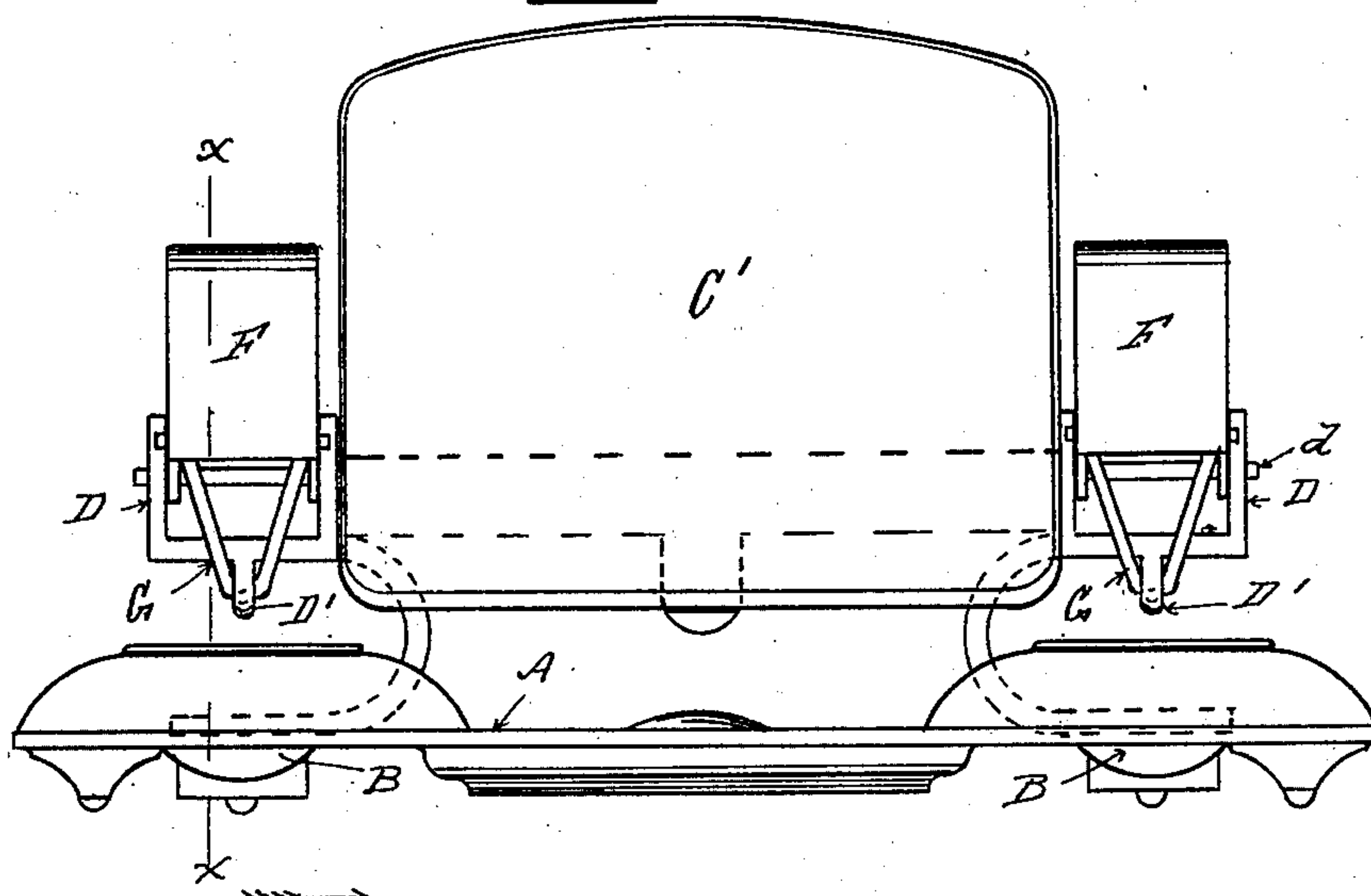
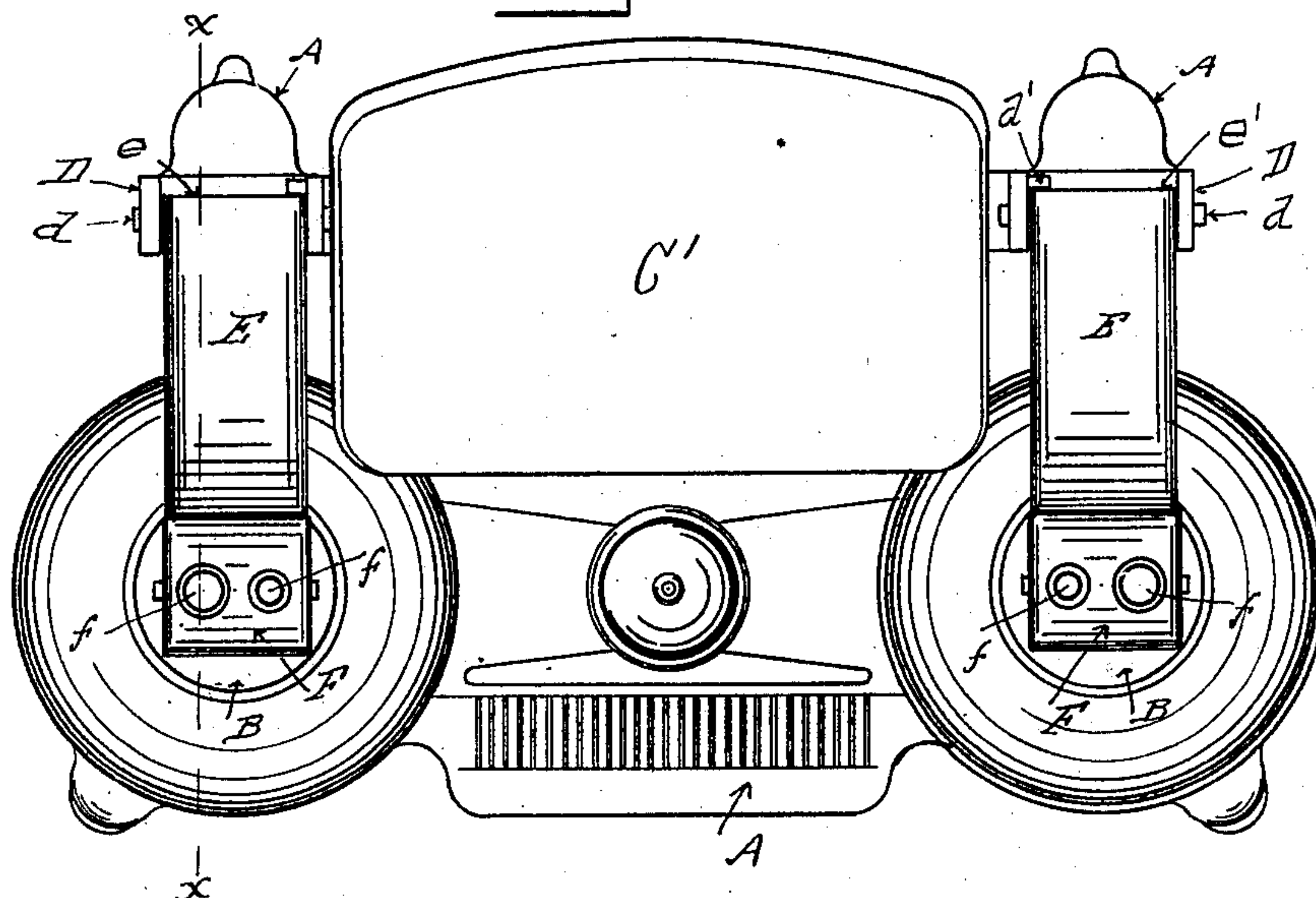


Fig. 2.



Witnesses.

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2 SHEETS—SHEET 2.

Fig. 3.

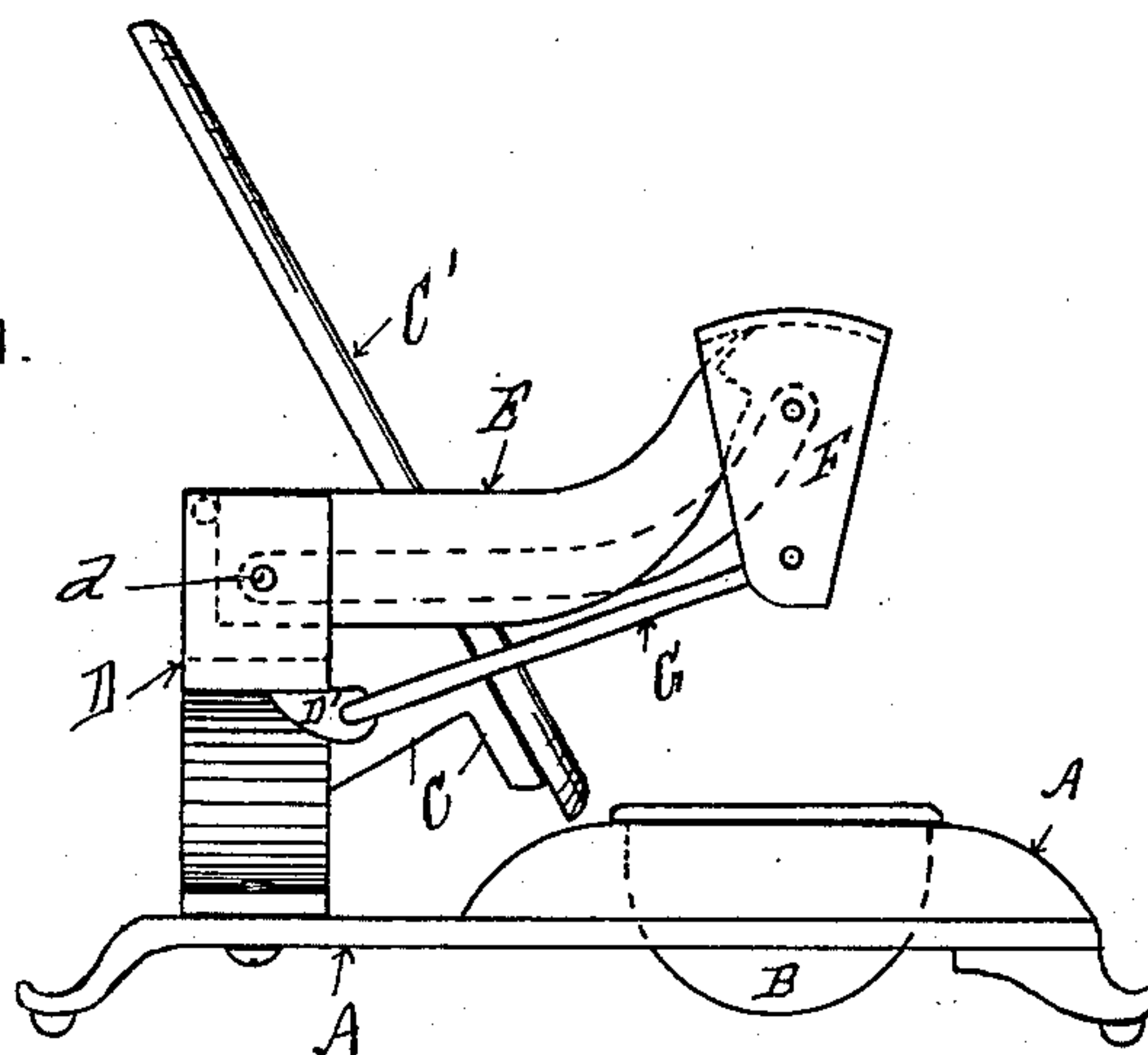
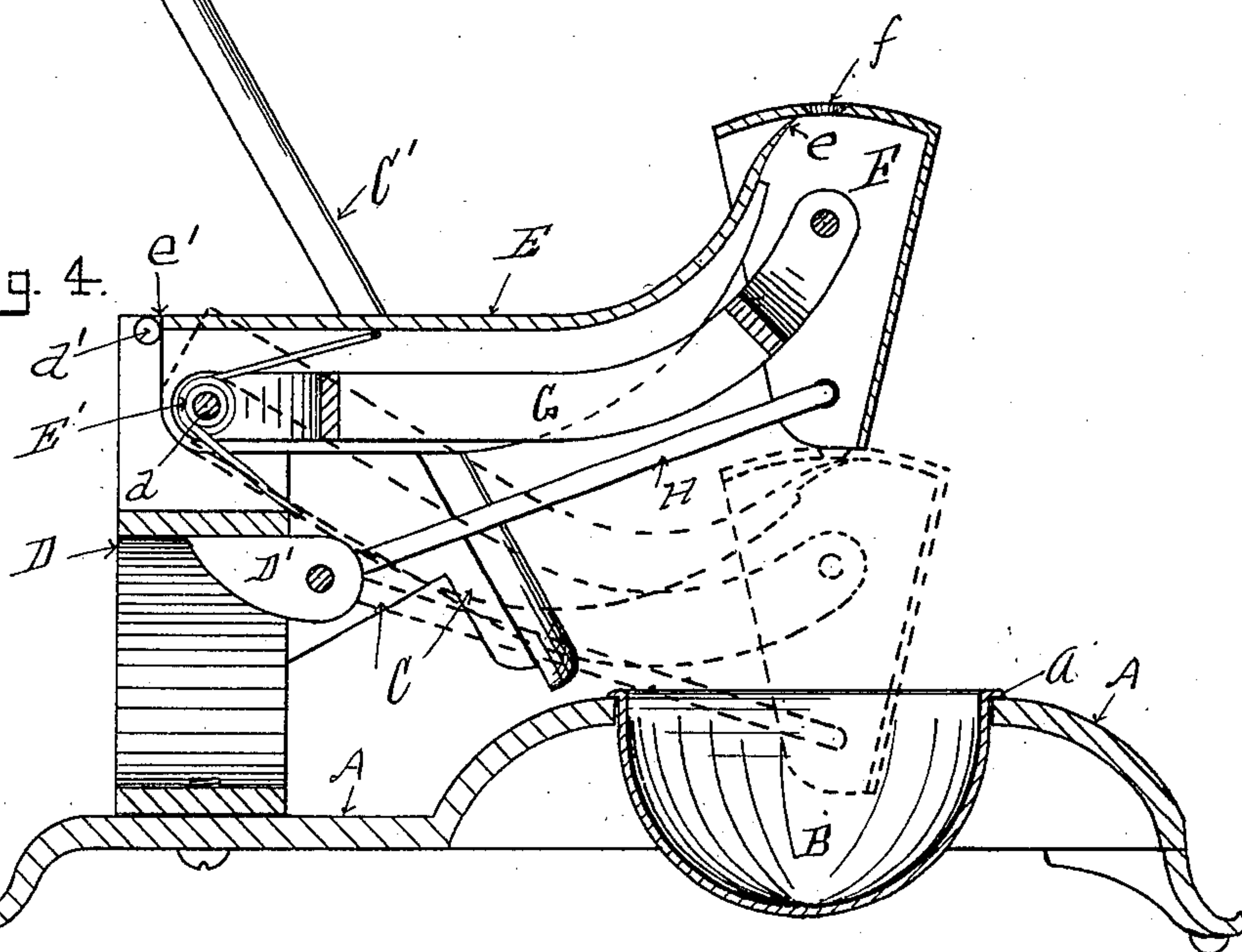


Fig. 4.



Witnesses.

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UNITED STATES PATENT OFFICE.

EDWIN WALKER, OF ERIE, PENNSYLVANIA.

CIGAR-TIP CUTTER.

SPECIFICATION forming part of Letters Patent No. 753,941, dated March 8, 1904.

Application filed September 4, 1903. Serial No. 171,941. (No model.)

To all whom it may concern:

Be it known that I, EDWIN WALKER, a citizen of the United States, residing at Erie, in the county of Erie and State of Pennsylvania, have invented certain new and useful Improvements in Cigar-Tip Cutters; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, forming part of this specification.

My invention relates to cigar-tip cutters, and has for its object the construction and arrangement of the parts of a cigar-tip cutter and the form thereof in such shape that it not only effectively performs the functions of a cigar-tip cutter, but also performs the functions of an advertising device, supporting and displaying advertising matter, as desired. To accomplish these results, I construct the frame of the machine so that one or more removable plates adapted to receive and display advertising matter can be secured thereto, and upon this frame I mount one or more cutter mechanisms consisting of a cutter-arm pivoted at one end to the frame provided with a cutter-blade at its opposite end and with a spring adapted to support it in its normal position, and upon the same axis I pivot another arm, to the opposite end of which I pivot the upper part of a hollow cutter-head provided with the usual openings for cigar-tips on the top thereof, and in the lower part of the cutter-head there is pivoted another arm, the opposite end of which is pivoted to the frame below the plane of the axes of the other arms hereinbefore referred to, so that when the cutter-head is depressed it will move downward in substantially a vertical position, and when a cigar-tip is inserted into one of the holes in the head and pressed downward the pressure acting on the spring supporting the cutter-arm operates to bring the edge of the cutter-blade against the inner surface of the top of the head and retain it in this position during the downward movement of the head, and thereby insure a close shear of the blade past

the holes in the cutter-head regardless of the wear on the blade.

The features of my invention are hereinafter fully set forth and described, and illustrated in the accompanying drawings, in which—

Figure 1 is a front view in elevation of one form of my improved cigar-tip cutter. Fig. 2 is a top or plan view of the same. Fig. 3 is an end view in elevation of the same. Fig. 4 is an enlarged transverse section of the same on the line *xx* in Figs. 1 and 2.

In the drawings illustrating this form of my improved cigar-tip cutter, A is the base of the frame, provided with openings *a* at the sides of the front thereof for the reception and support of removable cups B. Secured at the side of each rear corner of the base A there is an upright D, and between said uprights there is a support C, which is adapted to receive and support a removable plate C' suitable to present and display advertising matter.

On each of the uprights D, I pivot one end of a cutter-arm E on a pintle *d*, the opposite end of which arm curves upward and has secured thereto a cutter-blade *e*. The pivoted end of the arm E is also provided with a shoulder *e'*, which engages a stop *d'* on the upright D when in its normal position, in which position it is yieldingly supported by means of a spring E'. On the pintle *d* I also pivot one end of an arm G, the opposite end of which curves upward and is pivoted in the sides of a hollow cutter-head F, the front, top, and sides of which are preferably closed. In the top of the head F, I make one or more cigar-tip openings *f*. Pivoted in the lower part of the head F there are other arms, H, which extend back to and are pivoted in lugs D' on the uprights D below the plane of the pintle *d* therein. The blade *e* on the arm E extends into the head F far enough so that when the head and arms are in their normal positions, as illustrated in Figs. 3 and 4, the edge of the blade *e* is back of the openings *f* in the head; but as the head is moved downward the blade *e* moves across the openings *f* in the head until the edge thereof passes said openings, as illustrated in dotted lines in Fig. 4. It will be observed that the spring E', acting on the arm E, operates to re-

tain the edge of the blade *e* in contact with the inside of the top of the head *F*, and when pressure is exerted on the top of the head—say, for example, by inserting a cigar-tip into one of the openings *f* therein and pressing downward upon it—it forces the head down into close contact with the edge of the blade *e*, and as the head moves downward it continues this close contact, so as to effectually shear off that portion of the cigar-tip projecting below the hole *f*. This feature enables me to avoid the necessity of an accurate adjustment of the edge of the blade *e* with relation to the inside surface of the head *F*, as the spring *E'* operates on the arm *E* at all times to force the blade *e* into close contact with the inside surface of the head in opposition to any pressure applied thereon to depress it.

I have thus shown and described a convenient construction and arrangement of parts of my improved cigar-tip cutter to enable others to construct and utilize the same; but it is obvious that many modifications can be made therein without departing from the spirit of my invention.

Therefore, what I claim as new, and desire to secure by Letters Patent of the United States, is—

1. The combination in a cigar-tip cutter, of a frame, a pair of arms pivoted thereto one above the other, a hollow cutter-head pivoted to the free ends of said arms, a cutter within said hollow cutter-head, a cutter-arm pivoted to said frame and connected with said cutter for operating the same, and a spring operating to raise the cutter-head, substantially as set forth.

2. The combination in a cigar-tip cutter, of a frame, a pair of arms pivoted thereto one above the other, a hollow cutter-head pivoted to the free ends of said arms, a cutter-arm

pivoted to said frame and operating a cutter-blade under the top of the cutter-head, and a spring operating on one or more of said arms to raise and yieldingly support the cutter-head, substantially as set forth.

3. The combination in a cigar-tip cutter, of a frame, an arm pivoted to said frame having its outer end curved upward, another arm pivoted to said frame below the first-named arm, a hollow head pivoted to the outer ends of said arms, a cutter-arm pivoted to the frame on the same axis as the upper arm above referred to, and having its outer end curved upward under the top of the hollow head, a cutter-blade on the end of said arm, and a spring operating on said cutter-arm, substantially as set forth.

4. The combination in a cigar-tip cutter, of a frame having an advertising-display plate thereon, an upright on said frame, a pair of arms pivoted therein one above the other a hollow head having cigar-tip openings therein pivoted to the outer ends of said arms, a cutter-arm pivoted to the frame on a common axis with the upper one of the arms pivoted in the hollow head, a stop on the upright engaging said cutter-arm so as to limit its upward movement, a spring operating on said cutter-arm to normally support it in a raised position, and a cutting-blade on the free end of the cutter-arm under the inside of the top of the cutter-head adapted to closely contact therewith when downward pressure is applied to said head, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

EDWIN WALKER.

Witnesses:

H. M. STURGEON,
G. I. MEAD.