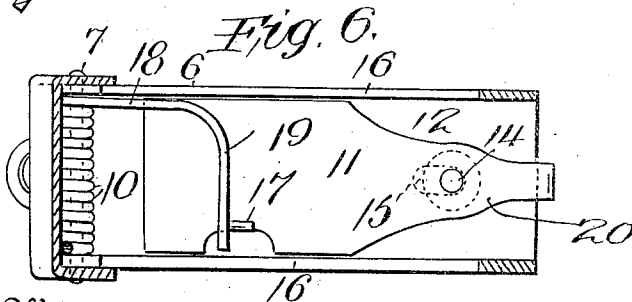
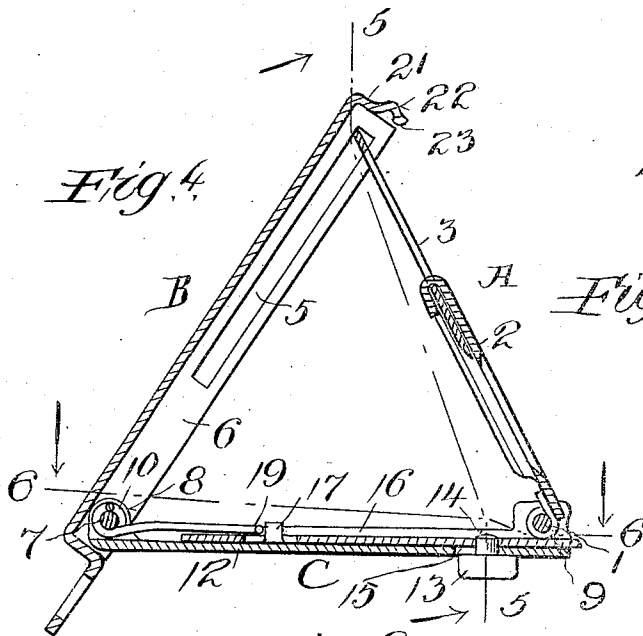
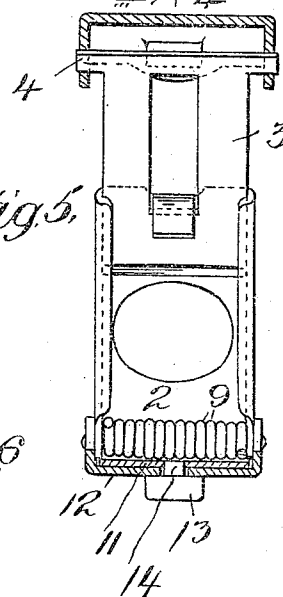
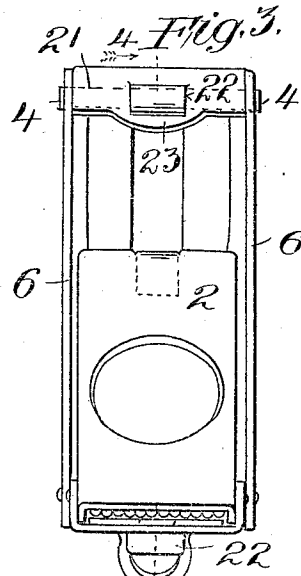
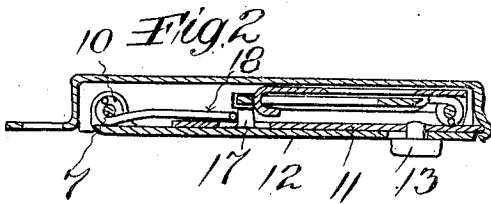
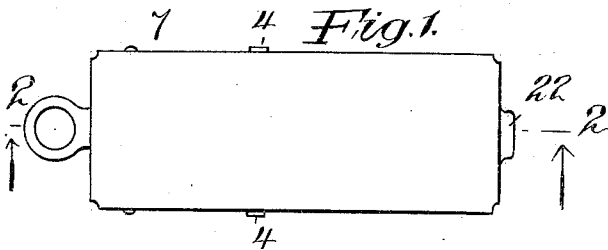


R. FISCHER.
CIGAR CUTTER.

APPLICATION FILED JUNE 13, 1908.

943,739.

Patented Dec. 21, 1909.



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UNITED STATES PATENT OFFICE.

ROBERT FISCHER, OF NEW YORK, N. Y.

CIGAR-CUTTER.

943,739.

Specification of Letters Patent.

Patented Dec. 21, 1909.

Application filed June 13, 1908. Serial No. 438,290.

To all whom it may concern:

Be it known that I, ROBERT FISCHER, a citizen of the United States, and a resident of the city of New York, county of Kings, and State of New York, have invented certain new and useful Improvements in Cigar-Cutters, of which the following is a specification.

My present invention relates to an improved means for detachably securing the free ends of the pivoted sections of a cigar cutter, such as shown herein, together, the same constituting an embodiment of the means disclosed in my application for patent for improvements in cigar cutters, filed March 16th, 1908, Ser. No. 421,507, for securing said sections together.

Although I have illustrated a complete cigar cutter in the drawings forming part hereof, I shall restrict the description to only so much of the construction as will enable the specific improvements hereinafter described and claimed, to be understood.

My present improvements are shown in the accompanying drawing forming part of this specification in which;

Figure 1 is a plan view of a cigar cutter embodying my improvements. Fig. 2 is a longitudinal sectional elevation on the line 2—2, Fig. 1, looking in the direction of the arrows. Fig. 3 is an end elevation of the cutter open. Fig. 4 is a sectional elevation of the cigar cutter in its open position, taken on the line 4—4, Fig. 3, looking in the direction of the arrows. Fig. 5 is a sectional elevation on the line 5—5, Fig. 4, looking in the direction of the arrows. Fig. 6 is a plan in section, taken on the line 6—6 of Fig. 4, looking in the direction of the arrows.

The cigar cutter comprises three sections, A, B, and C. Section A is pivoted to the section C by the pivoting pins 1, and comprises the pocket plate 2 and cutting blade 3 having lugs 4 projecting into longitudinal slots 5 formed in the side walls 6 of the section B. The section C is pivoted to the section B by the pin 7 passing through the flange 8 and side walls 6. At 9 is a coil spring on the pivot pin 1 having its ends bearing on the separate sections B, C. The cutting blade is adapted to move in the pocket plate and be restrained in its movement and the parts prevented from separa-

tion by appropriate stops such as the lug 55 and the slot. Upon the pin 7 is placed a coil spring 10, having one end bearing on the section B, and the other on the section C in the manner now to be described.

Referring to the means for detachably securing the free ends of the sections B and C together, at 11 is a bolt-plate set against the back-plate 12 of the section C and adapted to slide thereon, the bolt-plate having a knob 13 secured thereto, the shank 14 of which extends through a slot 15 formed in the back-plate. The sides of the said bolt-plate lie between the side walls of the section C and which forms a guide for the longitudinal movement of the plate. At 17 is a lug projecting up from the bolt-plate, and the coil spring 10 has an extension 18 terminating in an arm 19 set transversely so as to engage said lug the transverse arm forming an additional spring pressing the bolt-plate forward so that the shank 14 of the knob 13 will bear against the upper end of the slot in the back-plate of the section C. The operation of the bolt-plate by the same spring that separates the sections B, C is an important feature of the present improvements. The bolt-plate has a tongue 20 extending under the spring 9, and when in its projected position it lies beyond the free end of the section C. The section B is provided with an end flange 21, and in this flange is formed a recess 22 terminating in a lip 23 which is rounded so as to permit the tongue 20 of the bolt-plate to pass smoothly over it.

To lock the sections together from the position shown in Fig. 4, the section A is moved downwardly against the spring 9 upon the section C and then the section B is swung toward the sections A, C, the parts being folded together incased, one within the other, as shown in Fig. 2. At this time the tongue 20 of the bolt-plate will have passed the rounded lip 23 slightly moving the bolt-plate inwardly against the stress of the spring arm 19, and when the lip is passed the spring presses the tongue forward again and into the recess 22 firmly locking the sections together. To release the sections, the bolt-plate is pressed back by means of the knob 13 against the stress of the spring arm 19 so as to release the tongue 22 from the recess. The spring 10 will then cause the section B to separate from the

section C during which operation the spring 9 will raise the cutting section A to the position shown in Fig. 4.

Having described my invention, what I claim is:

1. The combination, in an article of the class described, of the three interpivoted sections, one of the sections carrying a spring-pressed sliding bolt-plate, cooperating sections, and a recessed flange for engagement therewith.

2. The combination of the sections B, C, united to fold flat against each other a pivot pin connecting them at one end, a sliding bolt-plate carried by section C, means on section B for engaging said bolt-plate, and a pivot spring bearing on said sections and against said bolt-plate.

3. The combination of the pivoted sections B, C united to fold flat against each other, the sliding bolt-plate, the pivot spring bearing on the section B, and engaging the bolt-plate, and means on section B for engaging said bolt-plate.

4. The combination of the pivoted sections B, C united to fold flat against each other, the pivot pin 7, the sliding bolt-plate, the coil spring 10 having an arm bearing on the section B, and transverse arm bearing against the bolt-plate.

5. The combination of the pivoted sections B, C united to fold flat against each other, a spring interposed in said pivotal connection, the bolt-plate having a lug engaging an extension from the pivot spring, a knob on the plate, and a slot in the section C through which said knob extends.

6. The section C having a back-plate 12 and side flanges 16, the bolt-plate slidable in

said back-plate between the flanges, the section B pivoted to section C to fold flat thereagainst, and a spring for projecting the bolt-plate.

7. The combination of pivoted sections, a bolt plate slidably mounted on the inner face of one section and having operating means projecting through a slot in said section, said plate lying between and guided by the side walls of the section on which it is mounted.

8. The combination of pivoted sections, a bolt plate slidably mounted on the inner face of one section and having operating means projecting through a slot in said section, said plate lying between and guided by the side walls of the section on which it is mounted, a lug projecting from said bolt plate, a spring around the pivot of said section and having an arm engaging said lug and its other end bearing against the other section.

9. The combination of three sections pivotally united at adjacent ends, one section being composed of slidable members and all foldable together one within the other, a bolt plate slidably mounted on one section and having a tongue, a spring around the pivot of two adjacent sections under which said tongue extends, the one section having an end flange with a recess terminating in a lip to permit said tongue to pass smoothly thereover.

Signed at New York city, N. Y., this 12th day of June, 1908.

ROBERT FISCHER.

Witnesses:

GUS. I. ARONOW,
HARRY RADZINSKY.