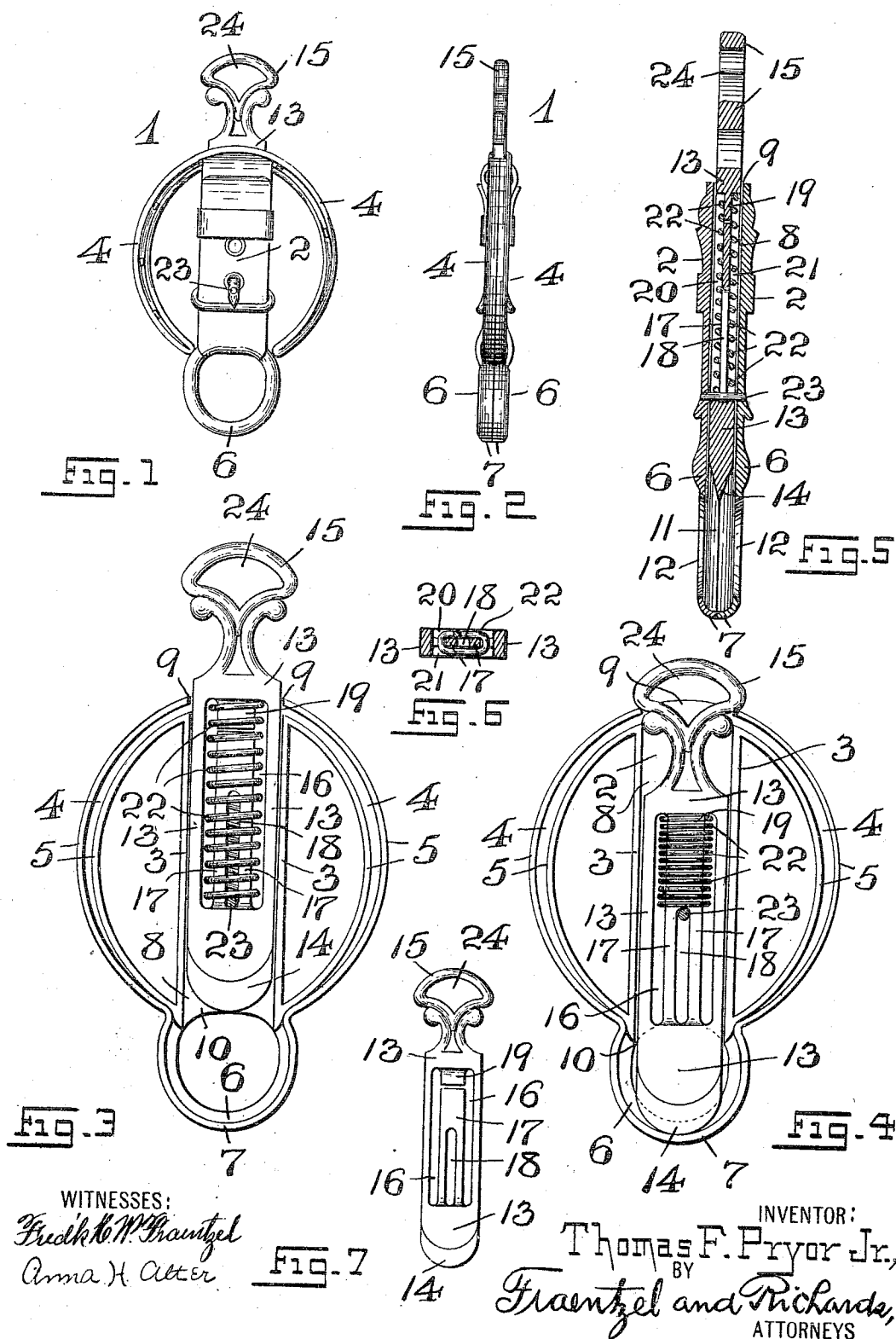


957,575.

Patented May 10, 1910.



UNITED STATES PATENT OFFICE.

THOMAS F. PRYOR, JR., OF NEWARK, NEW JERSEY.

CIGAR-TIP CUTTER.

957,575.

Specification of Letters Patent.

Patented May 10, 1910.

Application filed January 17, 1910. Serial No. 538,337.

To all whom it may concern:

Be it known that I, THOMAS F. PRYOR, JR., citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, 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 characters of reference marked thereon, which form a part of this specification.

This invention relates, generally, to improvements in that class of ornamental as well as useful devices which are used for cutting off or severing the pointed ends of cigars; and, the present invention has reference, more particularly, to a novel cigar-tip cutter which may be used as a pocket-piece, which is suitably ornamented, and is provided with a means of attachment so that the device can be used as a watch-chain, watch-fob, or the like.

My present invention has for its principal object to provide a neat and simply constructed, as well as a readily operated device of the general character hereinafter set forth, which is highly ornamental in its general design.

Other objects of this invention not at this time more particularly enumerated will be clearly understood from the following detailed description of my present invention.

With the various objects of the invention in view, the said invention consists, primarily, in the novel cigar-tip cutter, hereinafter set forth; and, the invention consists, furthermore, in the novel arrangements and combinations of the several devices and parts, as well as in the details of the construction of the same, all of which will be more fully described in the following specification, and then finally embodied in the clauses of the claim which are appended to and which form an essential part of this specification.

The invention is clearly illustrated in the accompanying drawings, in which:—

Figure 1 is a face view of a cigar-tip cutter made according to and embodying the principles of the present invention; and Fig. 2 is an edge view of the same. Fig. 3 is a longitudinal vertical section of the device, the said view being made on an enlarged

scale, and the cigar-tip-severing blade or cutter being shown in its normal initial position, with its cutting or knife-edge shown withdrawn from within the cigar-tip receiving-portion of the device; and Fig. 4 is a similar view, but showing the cigar-tip-severing blade or cutter in its depressed or operated relation and in the position after the tip or end of a cigar has been cut off. Fig. 5 is a central transverse vertical section of the cigar-cutter, showing the cigar-tip severing blade in its normal initial position. Fig. 6 is a horizontal cross-section of the cigar-tip severing blade or cutter, removed from the shell or casing of the device, said view illustrating in connection with said blade or cutter, a coiled spring which encompasses a portion of the said blade or cutter; and Fig. 7 is a face view of the said cigar-tip severing blade or cutter.

Similar characters of reference are employed in all of the above described views, to indicate corresponding parts.

Referring to the said drawings, the reference-character 1 indicates a complete cigar-tip cutter showing one embodiment of the principles of the present invention. The said device comprises a main body of any suitable surface-ornamentation and marginal configuration, the same being as herein shown, preferably, rectangular in its shape. The said main body consists, essentially, of a pair of shells 2 which are formed upon their inner faces with marginal ribs or projections 3. Extending from the opposite edge-portions of said shells 2, and preferably formed integral with said shells, are suitably formed and suitably shaped side-elements or members 4, said members being also preferably formed upon their inner faces with marginal ribs or projections, as 5. Extending in a downward direction from each shell 2, and preferably integrally connected with the lower portions of said shells and said elements or members 4, is a suitably formed and preferably ring-shaped member 6, each member 6 being also provided with an inwardly extending marginal rib 7 which may be a continuation of one of the marginal ribs 5, substantially as shown in Figs. 3 and 4 of the drawings. In assembling the parts to produce the main body of the cigar-tip cutter, the marginal ribs or projections of the various parts of two of said shells 2 are fitted upon each other so that the rib-portions of one shell will register with the rib-

portions of the other shell, the parts being suitably secured by means of solder, as will be clearly understood, or the said shells may be otherwise suitably secured together or connected. When the two shells 2 have been thus suitably secured together or connected, a suitably shaped hollow or chambered body or case is provided, the narrow or rectangularly formed main body of the device being chambered, as at 8, and having an upper open part 9 and a lower open part 10, substantially as shown in the several figures of the drawings. At the same time, the two connected ring-shaped members 6 provide a suitable cutting chamber 11 having the side-openings 12 for the insertion in either one of said openings of the pointed end of a cigar for severing or cutting off said pointed end in the manner to be presently more fully described.

Slidably arranged within the chamber 8 and between the guides formed by the connected ribs or projections 3, is the rectangularly formed body 13 of a cutter-blade, the said blade having its one end-portion sharpened or ground down so as to provide a suitably formed knife-edge or severing portion 14, and upon its other end-portion, the said body 13 being provided with a suitably shaped and preferably ornamental end-portion or fingerpiece 15. The said body 13 is also made with an elongated open portion, as 16, and extending in an upward direction from the lower portion of said body, and within said open portion 16, is a long post-like element or member 17, which is also formed with a slot or elongated opening 18. Extending in a downward direction from the upper part of said body 13, and within said open portion 16, is a short stud-like element or portion 19 which terminates in close proximity to the upper end of the said post-like element or member 17. As will be seen from an inspection more particularly of Fig. 5 of the drawings, the said members 17 and 19 are preferably made much thinner than the main portions of the said body 13, that suitable spaces 20 and 21, as shown in said Fig. 5, are provided for the arrangement and movement therein of the coils of a preferably flattened or elliptically formed spring, as 22, as clearly shown. A pin or bar 23, having its end-portions suitably connected with and secured to said shells 2, extends across the chambered part formed by said shells, and into and through the slot or elongated opening 18 in said post-like element or member 17, said pin being for the purposes of limiting the movements of said body 13, and also to prevent its withdrawal from within the chambered body of the cigar-tip cutter.

To arrange the coiled spring 22 in its operative position upon the members 17 and 19, with the lower end-portion of the spring

resting upon the pin or bar 23, and the upper end-portion of said spring being held in place by the lug or stud-like member 19, the member 17 which has a suitable spring-like action, so as to act like a spring-tongue, is forced to one side, whereby the space between the free ends of said members 17 and 19 is increased sufficiently to permit the spring to be arranged over the member 17, and when the latter springs back into place, the upper end-portion of the spring being readily arranged around the member 19, in the manner clearly illustrated in said Figs. 3, 4 and 5 of the drawings. The several parts having been assembled in the manner herein-above set forth, the said spring causes the blade 13 to normally assume the position with relation to the other parts of the main body or case of the cigar-tip cutter, represented in Figs. 1 to 5 inclusive. When in this position, the top or end of a cigar can be readily placed in any one of the openings 12 of the severing-portion of the device, whereupon by pressing upon the finger-piece 15 of the cutter 13, the latter moves in a downward direction, thereby causing its cutting or knife-edge to be forced into and through the cigar, so as to sever the tip therefrom, as will be clearly evident. At the same time the spring 22 has been brought into the compressed relation shown in Fig. 4 of the drawings, and as soon as the pressure is removed from the fingerpiece of the blade 13, the cutter-blade or body 13 immediately assumes its normal initial position, so as to be ready for the next severing operation.

The manner of holding the cigar-cutter in the hand between two fingers and the thumb will be understood and need not be further dwelt upon here. It will also be evident, that by means of an opening, as 24, with which the fingerpiece or end-portion 15 of the body 13 may be provided, the device can be readily attached to a watch-chain, or it may be provided with any other suitable fixture so that it may be used as an ornamental watch-fob.

I am aware that some changes may be made in the general arrangements and combinations of the devices and parts without departing from the scope of my present invention as set forth in the foregoing specification and as defined in the claims which are appended thereto. Hence, I do not limit my invention to the exact arrangements and combinations of the devices and parts as described in the said specification, nor do I confine myself to the exact details of the construction of the said parts as illustrated in the accompanying drawings.

I claim:—

1. A cigar-tip cutter comprising a flat chambered body of rectangular configuration, said body having an open end-portion

or the insertion of the end of a cigar therein, a cutter movably arranged in said chambered body, the said cutter having an open portion, the edges of said body providing guides between which said cutter is movably arranged, a fingerpiece upon one end of said cutter, said fingerpiece normally extending from the opening in said body, said cutter being provided at its opposite end with a knife-edge, a flattened coiled spring within the opening of said cutter, said spring having one end-portion in engagement with one of the edges bounding the said opening, and means connected with said body and in engagement with the other end-portion of said spring for producing the compression of said spring when pressure is applied upon said fingerpiece.

2. A cigar-tip cutter comprising a flat chambered body of rectangular configuration, said body having an open end-portion for the insertion of the end of a cigar therein, a cutter movably arranged in said chambered body, the said cutter having an open portion, the edges of said body providing guides between which said cutter is movably arranged, a fingerpiece upon one end of said cutter, said fingerpiece normally extending from the opening in said body, said cutter being provided at its opposite end with a knife-edge, a flattened coiled spring within the opening of said cutter, said spring having one end-portion in engagement with one of the edges bounding the said opening, means connected with said body and in engagement with the other end-portion of said spring for producing the compression of said spring when pressure is applied upon said fingerpiece, and side-elements connected with said body and projecting outwardly from the outer edges of said body.

3. A cigar-tip cutter comprising a flat chambered body of rectangular configuration, said body having an open end-portion, means connected with the opposite end-portion for the insertion of the end of a cigar therein, a cutter in said chambered body, the edges of said body providing guides, said cutter comprising a cutter-body movably arranged between said guides, said cutter-body being provided with an elongated opening, a post-like member connected with said cutter-body and arranged in said opening, said post-like member being formed with an elongated opening, a pin secured in said flat chambered body, said pin extending into and through the elongated opening in said cutter-body, a stud-like member connected with said cutter-body and arranged in the opening of said post-like member, a spring encircling said post-like member and said stud-like member, said spring being engaged by said pin, a finger-piece upon one end of said cutter-body, said finger-piece extending normally from the opening in

said flat chambered body, and said cutter-body being provided at its opposite end with a knife-edge.

4. A cigar-tip cutter comprising a flat chambered body of rectangular configuration, said body having an open end-portion, means connected with the opposite end-portion for the insertion of the end of a cigar therein, a cutter in said chambered body, the edges of said body providing guides, said cutter comprising a cutter-body movably arranged between said guides, said cutter-body being provided with an elongated opening, a post-like member connected with said cutter-body and arranged in said opening, said post-like member being formed with an elongated opening, a pin secured in said flat chambered body, said pin extending into and through the elongated opening in said cutter-body, a stud-like member connected with said cutter-body and arranged in the opening of said post-like member, a spring encircling said post-like member and said stud-like member, said spring being engaged by said pin, a finger-piece upon one end of said cutter-body, said finger-piece extending normally from the opening in said flat chambered body, said cutter-body being provided at its opposite end with a knife-edge, and side-elements connected with said body and projecting outwardly from the outer edges of said body.

5. A cigar-tip cutter comprising a flat chambered body of rectangular configuration, said body having an open end-portion, means connected with the opposite end-portion for the insertion of the end of a cigar therein, a cutter in said chambered body, the edges of said body providing guides, said cutter comprising a cutter-body movably arranged between said guides, said cutter-body being provided with an elongated opening, a post-like member connected with said cutter-body and arranged in said opening, said post-like member being formed with an elongated opening, a pin secured in said flat chambered body, said pin extending into and through the elongated opening in said cutter-body, a stud-like member connected with said cutter-body and arranged in the opening of said post-like member, a flattened spring within the opening of said cutter-body, said spring encircling said post-like member and said stud-like member, said spring being engaged by said pin, a finger-piece upon one end of said cutter-body, said finger-piece extending normally from the opening in said flat chambered body, and said cutter-body being provided at its opposite end with a knife-edge.

6. A cigar-tip cutter comprising a flat chambered body of rectangular configuration, said body having an open end-portion, means connected with the opposite end-portion

tion for the insertion of the end of a cigar therein, a cutter in said chambered body, the edges of said body providing guides, said cutter comprising a cutter-body movably arranged between said guides, said cutter-body being provided with an elongated opening, a post-like member connected with said cutter-body and arranged in said opening, said post-like member being formed with an elongated opening, a pin secured in said flat chambered body, said pin extending into and through the elongated opening in said cutter-body, a stud-like member connected with said cutter-body and arranged in the opening of said post-like member, a flattened spring within the opening of said cutter-body, said spring encircling said post-like member and said stud-like member, said spring being engaged by said pin, a finger-piece upon one end of said cutter-body, said finger-piece extending normally from the opening in said flat chambered body, said cutter-body being provided at its opposite end with a knife-edge, and side-elements connected with said body and projecting outwardly from the outer edges of said body.

7. A cigar-tip cutter comprising a chambered body of a rectangular configuration, said body consisting of a pair of shells, each shell being provided with a marginal rib, and the rib of one shell registering with the rib of the other shell, said body having an open end-portion, means connected with the opposite end-portion for the insertion of the end of a cigar therein, a cutter-body slidably arranged between the ribs of said shell, said cutter-body being formed with an elongated opening, a post-like member connected with said cutter-body and arranged in said opening, said post-like member being formed with an elongated opening, a stud-like member connected with said cutter-body and arranged in the opening of said cutter-body, a pin secured to said shells, said pin extending into and through the elongated opening in said post-like member, said post-like member and said stud-like member being much thinner than the thickness of said cutter-body, so as to provide spring-receiving spaces, a flattened coiled spring within the opening of said cutter-bar and said spring-

receiving spaces, said spring encircling said post-like member and said stud-like member, said spring being engaged by said pin, a finger-piece upon one end of said cutter-body, said finger-piece extending normally from the opening in said flat chambered body, and said cutter-body being provided at its opposite end with a knife-edge.

8. A cigar-tip cutter comprising a chambered body of a rectangular configuration, said body consisting of a pair of shells, each shell being provided with a marginal rib, and the rib of one shell registering with the rib of the other shell, said body having an open end-portion, means connected with the opposite end-portion for the insertion of the end of a cigar therein, a cutter-body slidably arranged between the ribs of said shell, said cutter-body being formed with an elongated opening, a post-like member connected with said cutter-body and arranged in said opening, said post-like member being formed with an elongated opening, a stud-like member connected with said cutter-body and arranged in the opening of said cutter-body, a pin secured to said shells, said pin extending into and through the elongated opening in said post-like member, said post-like member and said stud-like member being much thinner than the thickness of said cutter-body, so as to provide spring-receiving spaces, a flattened coiled spring within the opening of said cutter-bar and said spring-receiving spaces, said spring encircling said post-like member and said stud-like member, said spring being engaged by said pin, a finger-piece extending normally from the opening in said flat chambered body, said cutter-body being provided at its opposite end with a knife-edge, and side-elements connected with said body and projecting outwardly from the outer edges of said body.

In testimony, that I claim the invention set forth above I have hereunto set my hand this 13th day of January, 1910.

THOMAS F. PRYOR, Jr.

Witnesses:

FREDK. C. FRAENTZEL,
FRED'K H. W. FRAENTZEL.