UNITED STATES PATENT OFFICE.

WILLIAM H. J. DOWNEY, OF MIDDLETOWN, DELAWARE, ASSIGNOR OF ONE-HALF TO JOHN P. McINTYRE, OF MIDDLETOWN, DELAWARE.

COMBINED MATCH-BOX AND CIGAR-CUTTER.


To all whom it may concern:

Be it known that I, WILLIAM H. J. DOWNEY, a citizen of the United States, residing at Middletown, in the county of New Castle and State of Delaware, have invented certain new and useful Improvements in a Combined Match-Box and Cigar-Cutter; 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, which form a part of this specification.

This invention relates to new and useful improvements in combined match-boxes and cigar-cutters; and the object of the invention is to produce a simple and efficient device of this nature which may be readily attached to an ordinary match-box and removed therefrom when not desired; and it consists of a spring-pressed plunger mounted in a casing which is adapted to be held to the match-receptacle and provided with a stem extending parallel with the bottom of the match-box in convenient position to be actuated for the purpose of severing the end of a cigar placed in an aperture in advance of the knife.

The invention consists, further, in various details of construction and combinations and arrangements of parts, which will be hereinafter fully described and then specifically defined by the appended claim.

I illustrate my invention in the accompanying drawings, in which—

Figure 1 is a perspective view of my combined cigar-cutter and match-box. Fig. 2 is a sectional view through the attachment and a portion of the box, and Fig. 3 is a detail view of the device detached from the match-box.

Reference now being had to the details of the drawings by letter, A designates a match-box which may be made of any suitable construction provided with a hinged top B, which is provided with fingers C, projecting from the hinged end thereof, and against which a leaf-spring D, fixed at its lower end D' to the lower end of the box, is adapted to bear for the purpose of holding the cover normally closed.

F designates a casing having one end F' apertured, adapted to receive a screw, whereby the casing may be held to one edge of the box in the manner shown and described. 55 Said casing is provided with an aperture E to receive the end of a cigar, and mounted upon a plunger-stem H within said casing is an angled cutting-knife K, which is adapted to shear over the marginal edge of the opening E. A spring H' is mounted upon said stem and bears between a cross-piece F' and the shoulder upon the stem. An enlarged portion of the stem of the plunger is mounted to reciprocate in an aperture in the end O of said casing and extends parallel with the bottom of the box, with its free end normally flush with the edge of the box opposite the edge to which said casing is fastened by said screw.

From the foregoing it will be noted that by the provision of the attachment shown and described a simple and efficient means is afforded which may be easily applied to the ordinary match-boxes, affording means whereby the tip of a cigar may be readily severed by inserting the end of the cigar in said aperture and imparting a longitudinal movement to the plunger carrying the knife, the spring returning the knife to its normal position.

What I claim is—

In combination with a match-box, a rectangular outlined casing having one end projecting beyond the longitudinal edges thereof and apertured, one edge of said casing adapted to be held against the end of a match-box, screws passing through registering apertures in said projecting end and the wall of the box, whereby said projecting portion may be held against the edge of the box, a partition within the casing, a spring-pressed plunger mounted in registering apertures in said partition and one edge of the casing, an angled cutting-knife fixed to the end of said plunger and adapted to shear against the marginal outline of an aperture in the side of the casing, one end of said plunger extending through an aperture in the end of the casing, and a spring interposed between a shoulder upon said plunger and said partition, as shown and described.

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

WILLIAM H. J. DOWNEY.

Witnesses:

CORBIT VINYARD,
WALTER BEASTON.