C. F. HAMMANN.

MATCH SAFE AND CIGAR CUTTER.

APPLICATION FILED MAR. 29, 1915.

1,186,771. Patented June 13, 1916.

Fig. 1.

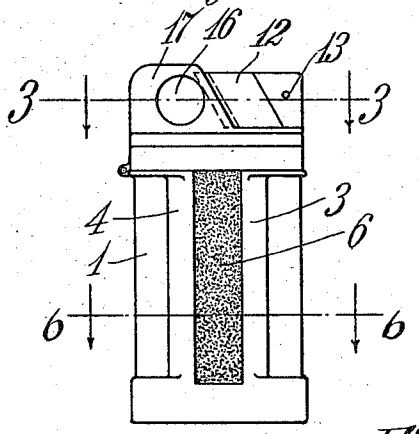


Fig. 2.

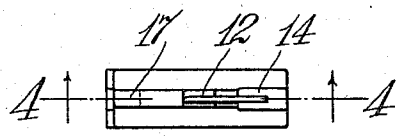


Fig. 3.

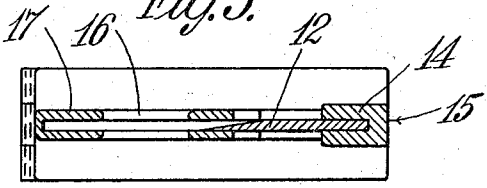


Fig. 4.

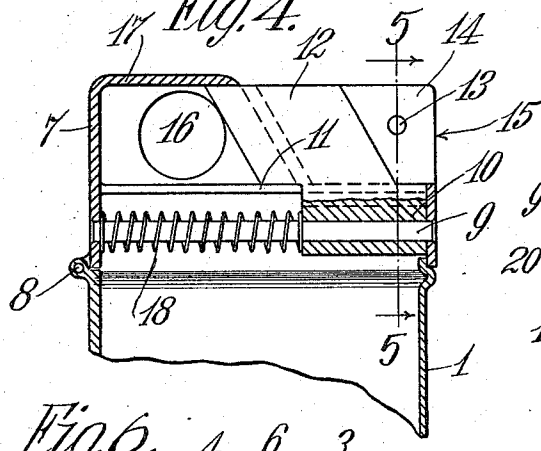


Fig. 5.

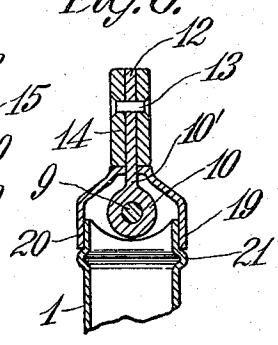
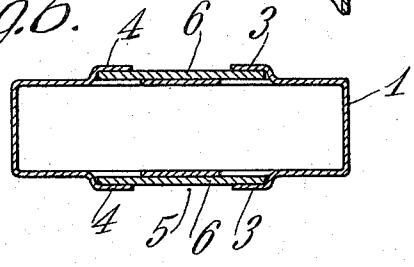


Fig. 6.



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MATCH-SAFE AND CIGAR-CUTTER.

1,186,771. Specification of Letters Patent. Patented June 13, 1916.

Application filed March 29, 1915. Serial No. 17,649.

To all whom it may concern:

Be it known that I, CARL F. HAMMANN, a citizen of the United States of America, residing in Northampton, county of Hampshire, and State of Massachusetts, have invented certain new and useful Improvements in Match-Safes and Cigar-Cutters, of which the following is a specification.

This invention relates to improvements in a combined match safe and cigar cutter.

The invention is designed for carrying safety matches in which the chemically treated end of the match can only be ignited on a specially prepared surface such as is associated with a portion of the outer surface of the box in which the matches are packed by the manufacturer.

It is the purpose of my invention to remove the contents of the safety box and place the matches within the match-receiving portion of the receptacle, then, tear off the specially treated surface of the box and attach it to my improvement, whereby the matches can be readily ignited by scratching the same on this surface, which is temporarily secured to the box, suitable means being associated with the match-receiving receptacle of the safe to permit the ready insertion and removal of this portion of the original match box.

The cigar cutter feature is designed to be associated with the cover of the safe and is easily operable by the user when desired to sever the tip of a cigar.

Referring to the drawings: Figure 1 is a side elevational view of the match safe showing the cover in a closed position and the cutter moved to its retracted or normal position. It also illustrates the insertion of the specially prepared scratching surface for igniting the safety match; Fig. 2 is a top plan view of Fig. 1, showing the location of the cutter as being equidistantly arranged from the opposite sides of the match safe; Fig. 3 is a horizontal sectional view on the line 3—3 of Fig. 1; Fig. 4 is a vertical sectional view on the line 4—4 of Fig. 2, showing the manner in which the severing blade is located and the coil spring for normally maintaining the knife in inoperative position; Fig. 5 is a sectional view on the line 5—5 of Fig. 4; Fig. 6 is a view on the line 6—6 of Fig. 1, showing the integral struck-up portions of the side of the match safe and the inserted pieces of specially prepared material within the portions.

Referring to the drawings in detail: the body of the match safe is indicated at 1, the opposite sides of which have struck-up portions 3 and 4 that are arranged in parallel relation with each other to form a separated space, indicated at 5, between the inner edges of the struck-up portions of the casing in which a match is placed when it is ignited.

6 indicates a strip of the specially or chemically prepared material which usually forms the side portions of the box in which the safety matches are packed by the manufacturer. These side edges or strips are torn from this box and inserted under the struck-up pieces 3 and 4 of the casing 1, whereby the operator can readily ignite one of the safety matches by scratching the same on the outer surface of this material, as indicated at 6.

The cover of the casing is indicated at 7 and has a hinged connection therewith as shown at 8. In the lower part of the cover is secured the horizontally arranged pin 9 on which is placed a slidable member 10, the reduced portion 10′ of which extends upward through an opening 11 in the cover and to which the cutting blade 12 is secured by means of the pin 13. This blade is clamped by means of the pin 13 to an enlarged portion 14 against the outer edge 15 of which the operator presses when it is desired to move the cutting blade 12 across the opening 16 which is transverselv arranged through the blade receiving casing 17 of the cover. In order to normally hold the blade in its retracted position a coil spring 18 is placed on the pin, as shown clearly in Fig. 4. The expansive force of this spring acting on the slidable member 10, therefore, retains the cutting blade 12 in the position shown. In order to operate the cutter it is only necessary to push inward on the surface 15 against the tension of this spring, and, upon the operator releasing his pressure upon the part 14, the blade is automatically returned to its original position.

The sides of the cover, as shown at 19 and 20, snap over the opposite sides of the casing 1 and in contact with the rib 21 of the casing. The contents of the safety match box are removed and placed in the casing 1

and that part of the original box which is provided with the chemically prepared surface or other material is removed and slipped in under the struck up portions 3 and 4. When all of the matches have been used by removal from the casing, the portions of the old sides of the box are then removed from the struck-up portions 3 and 4 and new ones again inserted, as already described, and the contents of a new box is emptied into the safety match safe.

It will be seen from this invention that I have provided a match safe in which only safety boxes can be carried and at the same time I have provided means for their ignition, also a cigar cutter that is easily operable by the user for severing the tip of a cigar.

What I claim is:

1. A combined match box and cigar cutter, comprising a casing in which the matches are to be placed, a cover hinged to the casing, a single pin extending horizontally between the ends of the cover, a slidable block mounted thereon, and having a reduced portion extending upward through an opening in the cover, a cutter secured to said block, and means comprising a coil spring located on the pin for normally retaining the cutter in a retracted position, as described.

2. In a cigar cutter, the combination, a cutter, a casing, a cover therefor, the casing forming a part of the cover to receive the cutting edge of the cutter, a pin secured to the ends of the cover, a slidable member mounted on the pin, a coiled spring mounted on the pin and located between an edge of said member and the casing, said cutter being secured to the slidable member, said casing having a transverse opening therethrough and across which the cutting blade passes when it is moved by pressure against the tension of the coiled spring, as described.

3. A combined match box and cigar cutter comprising a casing member, a cover pivotally attached to said casing, a pin secured to the cover, a knife slidable on the pin, a spring to retain the knife in a retracted position, the upper part of the cover having a knife receiving casing, and oppositely located openings therein to receive the end of the cigar, as described.

4. A combined match box and cigar cutter comprising a box body, a cover hinged to the upper edge thereof and provided with an opening in the top of the same, a horizontally disposed rod secured to the ends of the cover, a block slidably located on the rod and having a reduced portion extending upward through the opening in the cover, an enlarged part secured to the upwardly extending reduced portion of the block, a cutter blade secured to the enlarged part and the reduced portion, the cover having a casing extending for a portion of its length for receiving the cutter blade when pressure is exerted by the operator on the outer edge of the enlarged part, and the casing having oppositely located openings across which the cutter blade travels for severing the tip of a cigar, as described, and a coiled spring on the rod for returning the cutter blade to its initial position.

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."