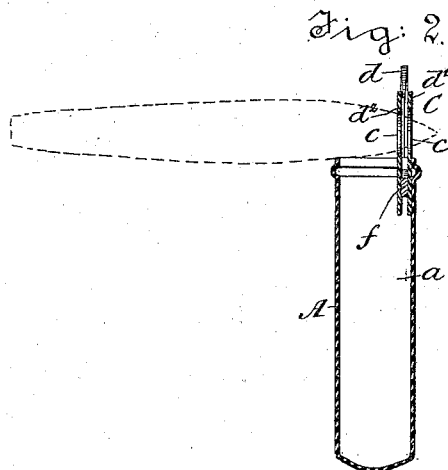
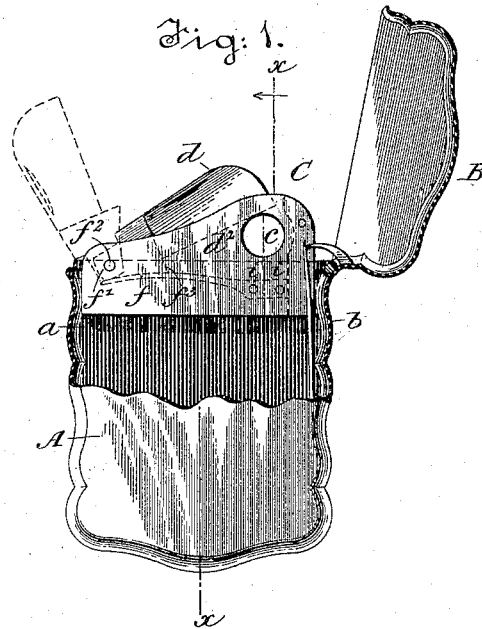


(No Model.)

W. W. HAYDEN.
COMBINED MATCH BOX AND CIGAR CUTTER.

No. 493,866.

Patented Mar. 21, 1893.



WITNESSES:

John A. Rennie.
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WILLIAM W. HAYDEN, OF NEWARK, NEW JERSEY.

COMBINED MATCH-BOX AND CIGAR-CUTTER.

SPECIFICATION forming part of Letters Patent No. 493,866, dated March 21, 1893.

Application filed July 29, 1892. Serial No. 441,588. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM W. HAYDEN, a citizen of the United States, and a resident of Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in a Combined Match-Box and Cigar-Cutter, of which the following is a specification.

Reference is to be had to the accompanying drawings forming a part of this specification, in which like letters of reference indicate corresponding parts in both the figures.

Figure 1 is a side elevation of my new combined match box and cigar cutter, a portion of the body of the box and the cover being shown in section, and Fig. 2 is a sectional elevation of the same taken on line *x. x.* of Fig. 1.

My invention relates to a box of a size suitable to be carried in the pocket having a cigar-cutter secured at the open end thereof so as to be entirely concealed by the cover of the box when closed.

The invention consists of the special construction of the box and cutter as hereinafter fully described and claimed.

The body of the box may be of any desired size and shape adapted to be carried in the pocket and may be of metal, hard rubber or of any other suitable material.

The cover B of the box, as here shown, is hinged to the body and is acted upon by a spring *b* in the usual manner for holding the cover both open and closed.

To one of the side plates *a* of the body of the box and projecting above the same at the open end of the box is secured the cigar cutter C comprising a blade *d* and two plates *d'* *d''* between which the blade is pivoted. These plates are correspondingly apertured as shown at *c* to receive the tip of the cigar as indicated in dotted lines, the tip projecting beyond the box so that when cut off it will fall outside of the box. Between the said plates *d'* *d''* is se-

cured, by the rivets *i i*, the steel spring *f* which acts upon the shank *f'* of the blade beneath the pivot *f''* thereof to hold the blade normally above the apertures *c*, and for this purpose said shank is formed in front of the pivot *f''* with a projection *f'''* which bears upon the spring *a* as shown clearly in dotted lines in Fig. 1. When the blade is opened out as shown in dotted lines in Fig. 1 for use as a knife the back of the blade is retained by the edge of the box so that the blade may be conveniently used for sharpening lead pencils and for other purposes.

I do not confine myself to the application of my invention to pocket match boxes as I may also apply it to cigar boxes or cases.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The match box A having an apertured plate secured within and to one of the side surfaces of the box and projecting beyond the edge thereof to be inclosed by the cover, in combination with a blade pivoted within and to the side surface of the box parallel with the apertured plate substantially as described.

2. The box having the parallel apertured plates *d'* *d''* secured to and projecting beyond the open end of the box in combination with the blade *d* pivoted to and between the said plates and a spring *f* held between the plates and arranged to act upon the shank of the blade, substantially as described.

3. The box A having a plate *d'* secured at and projecting beyond the open end of the box in combination with the blade *d* formed with projection *f'''* and the spring *f* arranged to press upon said projection, substantially as shown.

WILLIAM W. HAYDEN.

Witnesses:

EVERETT GREENE,
H. A. WEST.