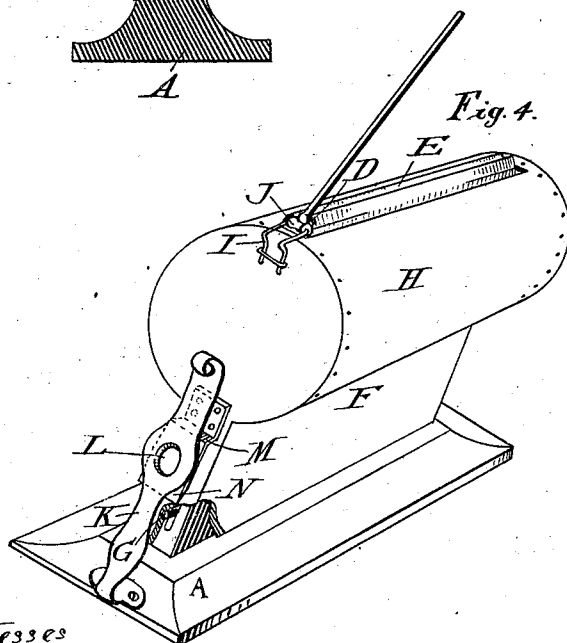
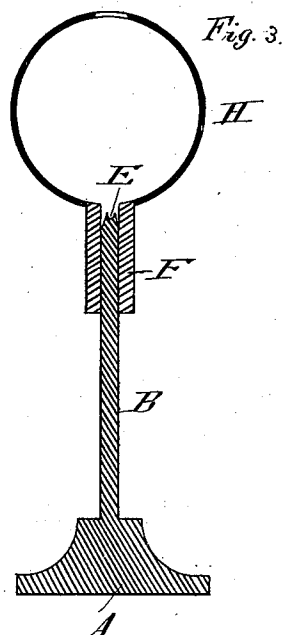
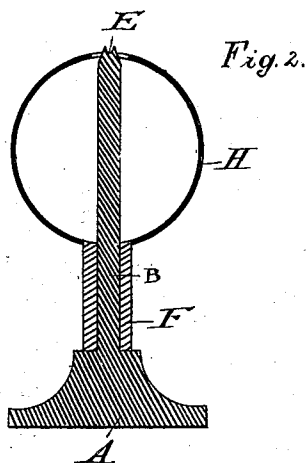
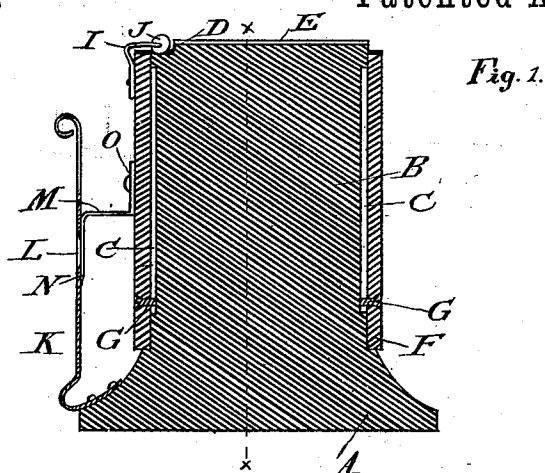


(No Model.)

C. BRUNNER & J. H. GOODWIN.
COMBINED MATCH SAFE AND CIGAR CUTTER.

No. 502,807.

Patented Aug. 8, 1893.



Witnesses
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C. Johnson

Inventors
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UNITED STATES PATENT OFFICE.

CHARLES BRUNNER AND JOHN HENRY GOODWIN, OF PERU, ILLINOIS.

COMBINED MATCH-SAFE AND CIGAR-CUTTER.

SPECIFICATION forming part of Letters Patent No. 502,807, dated August 8, 1893.

Application filed April 1, 1892. Serial No. 427,327. (No model.)

To all whom it may concern:

Be it known that we, CHARLES BRUNNER and JOHN HENRY GOODWIN, citizens of the United States, residing at Peru, in the county of La Salle and State of Illinois, have invented certain new and useful Improvements in a Combined Match-Safe and Cigar-Cutter; and we do 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.

Our invention relates to certain new and useful improvements, in a combined match-safe and cigar-cutter, in which a hollow cylindrical reservoir and a vertical ejecting standard, operate in conjunction with an upright and knife, and the objects of our improvement are, first, to provide a reservoir for holding matches; second, to provide an automatic match ejector, that will eject but one match at a time from the said reservoir; third, to provide an automatic match holder; fourth, to provide facilities for placing one match at a time in the said holder; fifth, to provide an automatic match lighter; sixth, to provide facilities for cutting cigars.

That our improvement may be more fully understood reference is had to the accompanying drawings in which—

Figure 1, is a vertical section of the entire combined match-safe and cigar-cutter. Fig. 2, is a vertical section of the combined match-safe and cigar-cutter, at right angles with dotted line $x x$ in Fig. 1, showing it closed. Fig. 3, is a vertical section of the combined match-safe and cigar-cutter, at right angles with dotted line $x x$ in Fig. 1, showing it open. Fig. 4, is a plan view of the entire combined match-safe and cigar-cutter as closed, showing position of a match in the automatic holder.

Similar letters refer to similar parts throughout the several views.

A. is a supporting plate or base having an upright standard B. provided with grooves C. C. in its edges and notch D. and groove E. on its top; said standard operating through a sleeve F. movably connected by retaining screws G. G. and at its upper end enlarged to form a receptacle H. The match receptacle

H. is provided with a spring I. bearing a friction roller J. adapted to fit into the notch D. of the standard B. and press upon the head of an ejected match to raise it from out of the groove E. at one end and to cause it to ignite as it is withdrawn from the clasp of the spring I. and friction roller J.

Having supplied the match receptacle with matches we operate our device by raising the sleeve to a height necessary to bring the groove E. of the standard B. below the level of the matches retained in the receptacle H. and then return to its original position. These acts cause a match each time to be elevated into a position where it may be grasped by the hand and so clasped as to be ignited when drawn from the ejector and retaining spring I.

K. represents an upright standard secured to the base A. provided with a circular opening L. adapted to receive the pointed end of a cigar; and operating in combination and conjunction therewith is a metal plate M. having a sharpened end N. and a reverse end O. rigidly secured to the end of the sleeve F. This arrangement causes the knife edge to pass and re-pass opening L. each time sleeve F. is operated upon standard B. and clip the protruding end of the cigar inserted into the opening L. of the standard K.

Any suitable material may be used in the construction of our device and it may be varied in size.

What we claim, and desire to secure by Letters Patent of the United States, is—

The herein described combined match safe and cigar cutter having base plate A. upright standard B. provided with grooves C. C. at its edges. Notch D. and groove E. at its top and upright standard K. provided with a circular opening L. combined with a sleeve F. retaining screws G. G. match receptacle H. spring I. friction roller J. and metal plate M. rigidly attached end O. and sharpened end N. all constructed, arranged and operated substantially as set forth.

In testimony whereof we affix our signatures in the presence of two witnesses.

CHARLES BRUNNER.
JOHN HENRY GOODWIN.

Witnesses:

HENRY BELLINGHAUSEN,
OTTO J. LOEKLÉ.