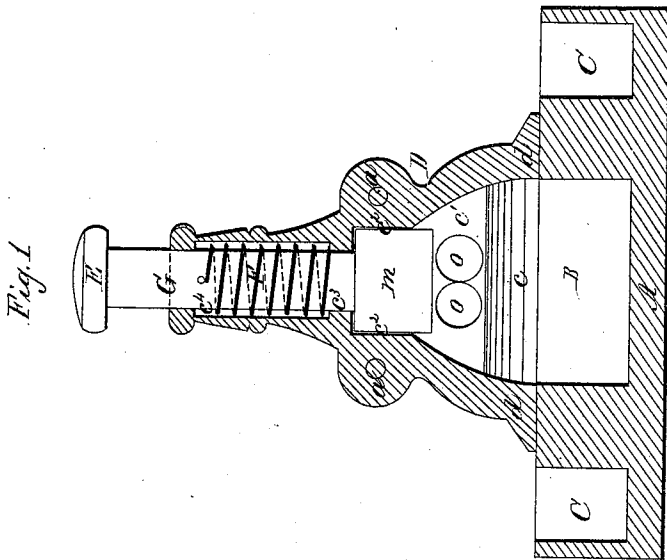
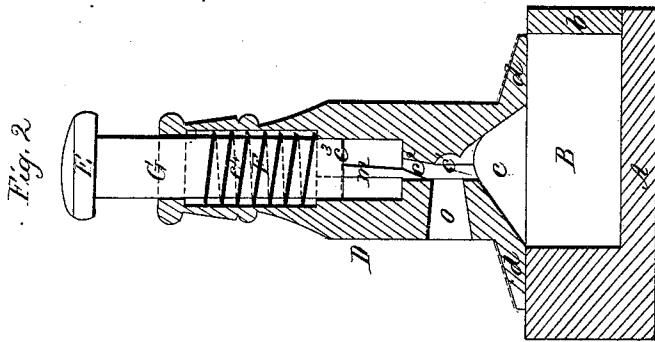


*Maiier & Schaeffer,*

*Cigar Cutter.*

*No. 90,714.*

*Patented Nov. 9, 1869.*



Witnesses  
*C. A. Pettit*  
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Attorneys.

# United States Patent Office.

JOHN G. MAIER AND C. W. SCHAEFFER, OF BALTIMORE, MARYLAND.

Letters Patent No. 96,714, dated November 9, 1869; antedated October 29, 1869.

## MACHINE FOR CUTTING OFF THE ENDS OF CIGARS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that we, JOHN G. MAIER and C. W. SCHAEFFER, of the city and county of Baltimore, and State of Maryland, have invented a new and improved Machine for Cutting Off the Ends of Cigars; and we do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figures 1 and 2 are vertical sections, taken through the centre of the machine, in planes perpendicular to each other.

The object of this invention is to provide, for public use, a neat, simple, cheap, and easily-operated machine, which will cut off the end of a cigar without breaking it.

In connection with this machine, are arranged a box for holding the cut-off cigar-ends, roughened surfaces for igniting the match, and one or more match-holders.

In the drawings, A represents a flat block of wood, having a large chamber, B, open at its top and front side, and having also two vertical holes, C C, cut in it, which answer as match-holders, said holes being arranged at the ends of the chamber B, and about an inch distant therefrom, though the precise distance is a matter of no consequence.

Fastened upon the upper side of block A, in such a manner as to cover the chamber B, but leave the match-holders C C exposed, is a hollow metallic casting, D, chambered within, as shown at  $c\ c^1\ c^2\ c^3\ c^4$ , and provided with a vertically-acting blade,  $m$ , which cuts off the end of the cigar, and with one, two, or more tapering lateral passages  $o\ o$ , adapted, by their size and form, to admit the end of the cigar, and hold it in proper position for the operation of the blade.

The blade itself is attached to and operated by a vertical rod or stem, G, the lower end of which fits nicely into the chamber  $c^2$ , the upper end bearing a button or disk, E, so shaped that it can be struck a smart blow with the palm, without hurting the hand.

Within chamber  $c^1$ , the rod or stem G is surrounded by a spiral spring, F, which holds the blade up above

the holes  $o\ o$ , when not forced down by the hand, as above described.

The casting may be surrounded by a screw-cap, fitting nicely around the stem G, and which can be removed, when it is necessary to take out the blade, spring, &c.; or it may, instead, be cast in two pieces, fitting to each other along a vertical joint, and held together by rivets or screws,  $a\ a$ .

The latter method of construction is, perhaps, preferable, on account of its cheapness, and the greater convenience with which the whole interior of the casting can at any time be exposed, for the purpose of sharpening the blade, repairing the spring, &c.

Chamber B is provided with a vertically-sliding door,  $b$ , at its front side, which can be removed, when necessary, to take out the cigar-ends accumulated in the chamber, from the operation of the knife above.

The base flanges  $d\ d$  of casting D may be roughened, or covered with sand-paper, on their upper side, to facilitate the lighting of friction-matches.

It will be observed that the whole structure is somewhat pyramidal in form, and capable of being ornamented with a variety of fancy designs, mouldings, &c., by which it may be made to assume a very neat and handsome appearance, so as to be adapted for use not only upon the counter of a cigar-store, but even in the parlor.

Having thus described our invention,

What we claim as new, and desire to secure by Letters Patent, is—

The device herein described, consisting essentially of the block A, chambered, as shown at B, C C, the casting D, also chambered, as shown at  $c\ c^1\ c^2\ c^3\ c^4$ , and provided with the lateral openings  $o\ o$ , the vertical blade  $m$ , stem G, spring F, and handle E, all constructed and operating in connection with each other, as and for the purposes set forth.

The above specification of our invention signed by us, this 12th day of April, 1869.

JOHN G. MAIER,  
C. W. SCHAEFFER.

Witnesses:

CHAS. A. PETTIT,  
S. C. KEMON.