

No. 612,664.

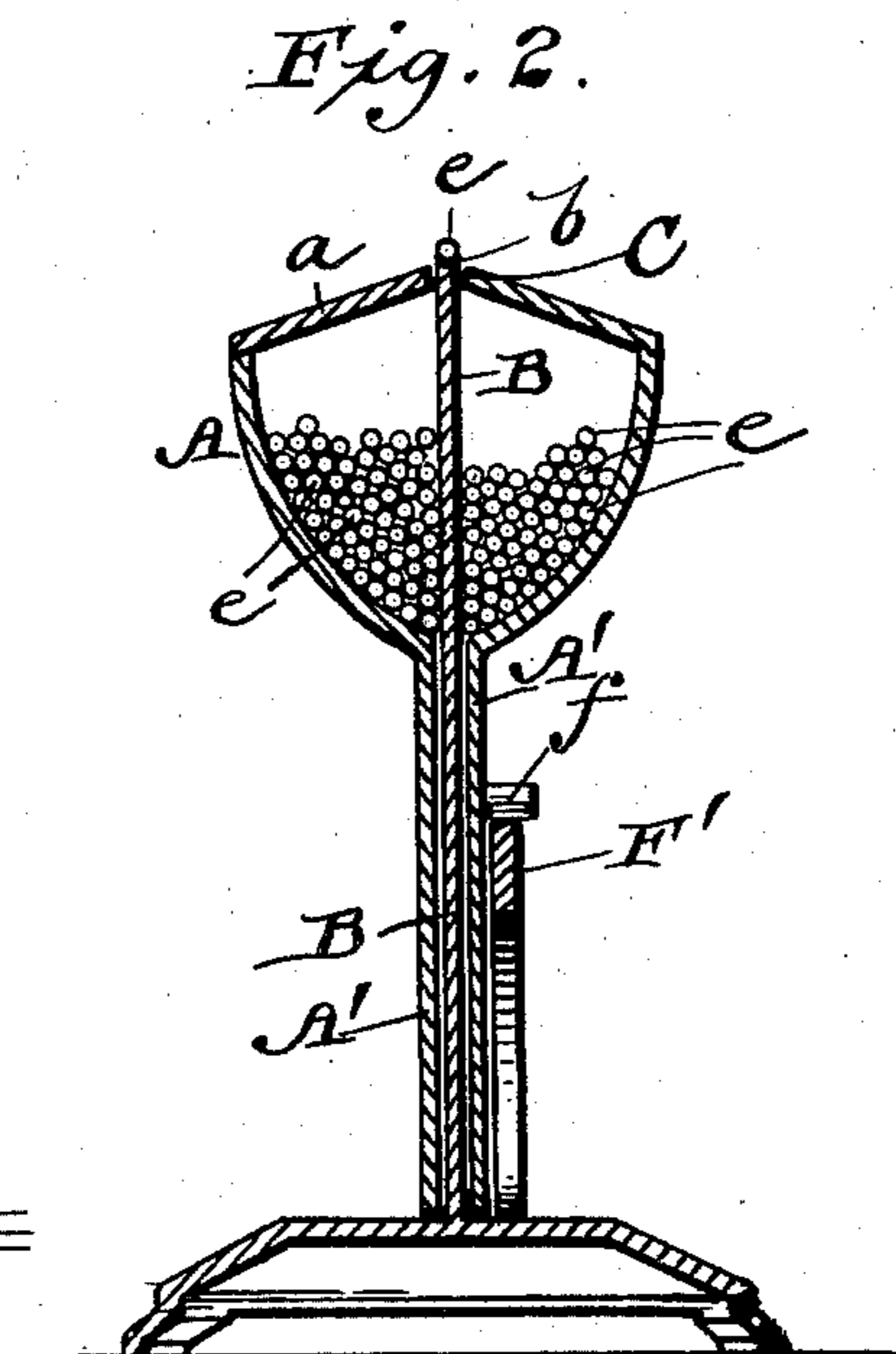
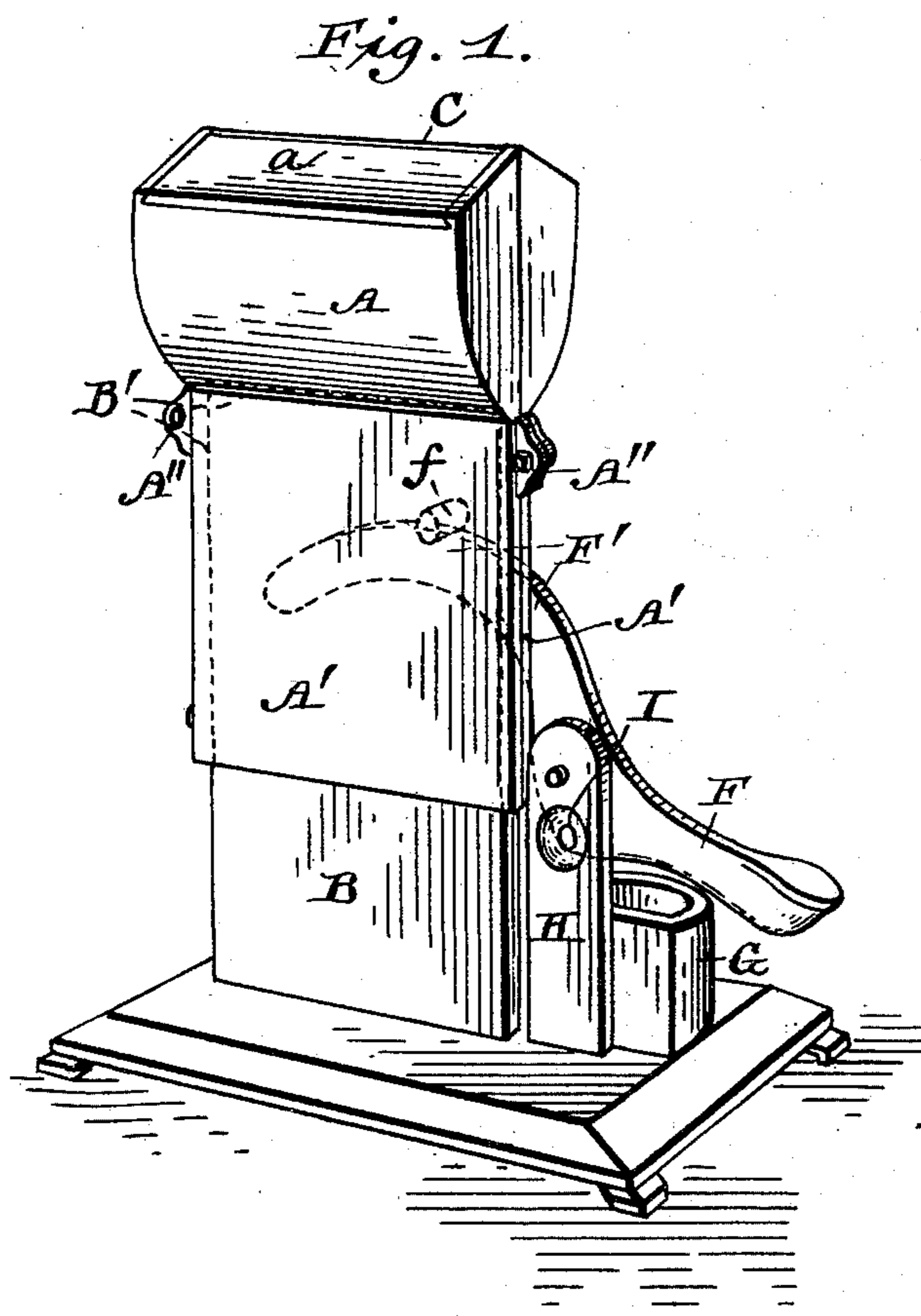
Patented Oct. 18, 1898.

T. O. HEGG.

COMBINED MATCH SAFE AND CIGAR CLIPPER.

(Application filed Feb. 20, 1897.)

(No Model.)



WITNESSES

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THOMAS O. HEGG, OF OSHKOSH, WISCONSIN, ASSIGNOR OF ONE-HALF TO
HARRY M. HAYS, OF SAME PLACE.

COMBINED MATCH-SAFE AND CIGAR-CLIPPER.

SPECIFICATION forming part of Letters Patent No. 612,664, dated October 18, 1898.

Application filed February 20, 1897. Serial No. 624,431. (No model.)

To all whom it may concern:

Be it known that I, THOMAS O. HEGG, a citizen of the United States, residing at Oshkosh, in the county of Winnebago and State of Wisconsin, have invented certain new and useful Improvements in a Combined Match-Safe and Cigar-Clipper; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable
10 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.

15 My invention relates to improvements in combined match-safes and cigar-clippers; and the objects of my invention are, first, to provide a more certain means of delivering one match at a time and to prevent clogging in
20 the delivery, and, second, to simplify the construction and eliminate all springs.

In the accompanying drawings, Figure 1 is a perspective view showing the box raised, and Fig. 2 a vertical section showing the box
25 lowered and manner of delivery.

Similar letters refer to similar parts in each view.

I am aware that combined match-boxes and cigar-cutters have before been made, but the
30 match-deliverer has been operated downwardly through the box by movement of the lever in cutting the cigar and the return to deliver the match has been actuated by a spring, usually the spring which raised the cutting-lever. The return of the match-deliverer has therefore been uncertain. If the
35 lever should be released suddenly, the match would be thrown out of the box suddenly and roll upon the floor, and the separation of a
40 single match from the others in the box has not been certain, there being a tendency to clog.

In my invention the match-deliverer is stationary and the box rises thereon when the lever is raised, being actuated thereby, and
45 falls by its own gravity when the lever is released, leaving a single match in the depression at the top of the deliverer. A more thorough method of agitating the matches in the box and a surer means of separating and
50 delivering one match is thereby afforded.

Reference to the drawings will show the manner of operating my invention.

A is the match-box, and *a* a sliding cover at the top, which may be removed in order to fill the box with matches. The bottom of the box 55 is inclined toward the center, so that the matches will roll toward the center each time that the box is agitated. The box A is integral with the side plates A' A', which surround the deliverer B. The side plates A' A' may be 60 pinned together by the pins A'' A'' or otherwise connected to surround the deliverer B, and the deliverer constitutes a guide upon which the box rises and falls. When the box is down, the deliverer extends through 65 the slot C in the top of the box and when in operation bears a single match reposing in the circular depression *b* in the top. The matches *e e e*, &c., in the box roll down the inclined interior of the bottom of the box 70 against the sides of the deliverer when the box is down. The box is raised by pressing downward upon the cigar-cutting lever F, the opposite curved end F' bearing against the pin *f*, attached to the box. When the lever F 75 is sufficiently depressed, it strikes against the clippings-receiver G. The box A is then raised to the position shown in Fig. 1, and the deliverer B is at the dotted position B', Fig. 2. A single match then rolls into the depression 80 *b* in the top, and when the cutting-lever F is released the box by its own gravity drops to its former position, together with the matches within, leaving a single match in the circular depression *b* above the top of the box. 85 By means of this mode of dropping of the box containing the matches the matches are sufficiently agitated and rolled down the inclined bottom of the box, so as to always be in readiness to drop into the depression *b* when the 90 box is raised above it.

The clipper is an ordinary circular cutting-knife, operating as a shear against the inside edge of the circular opening I in the standard H. The end of the cigar is inserted in the 95 opening I, and the part clipped off from the cigar drops into the receiver G.

The form of construction of the box admits of display of advertising matter upon the three faces A A' and *a*. 100

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

1. In a combined match-box and cigar-tip

clipper, the combination with a suitable base provided with a vertical stationary deliverer comprising a vertically-arranged wall having a groove or depression, of a match-receptacle vertically movable on the deliverer, a lever pivotally mounted exteriorly of the said receptacle, and provided with a knife-edge for cutting the tips of cigars, means upon the said match-receptacle for engaging one end of the lever, and a support provided with an opening for the insertion of the tip of a cigar, and to which support the lever is pivoted, whereby the said receptacle is adapted to be raised for depositing a match upon the deliverer without igniting the match or causing it to be ejected forcibly from the receptacle, substantially as described.

2. In a combined match-box and cigar-tip clipper, the combination with a vertical stationary deliverer comprising a vertically-arranged wall having a groove or depression extending along the top of the same, of a match-receptacle vertically movable on the stationary deliverer, the deliverer dividing the match-receptacle, when the latter is in its lowered position, into two compartments, a lever pivotally mounted exteriorly of the said receptacle, and provided with a knife-edge for cutting the tips of cigars, means upon the said match-receptacle for engaging one end of the lever, and a support provided with an opening for the insertion of the tip of a cigar, and to which support the lever is pivoted, whereby the said receptacle is adapted to be raised for depositing a match upon the deliverer without igniting the match or causing it to be ejected forcibly from the receptacle, substantially as described.

3. In a match-box, the combination of a suitable base provided with a vertical stationary deliverer having a groove extending along its upper edge, a vertically-movable match-receptacle proper formed with a downwardly-extending hollow shank which in operation surrounds and moves on the deliverer and is provided at its upper end with a compartment for matches, the deliverer dividing the match-receptacle, when the latter is in its lowered position, into two compartments, the match-receptacle consisting of two side portions provided with means for pinning them together at their edges, so as to movably inclose the deliverer, a stud on the outside of the

hollow shank, and a pivoted lever for raising the match-receptacle and depositing a match in the groove in the deliverer, substantially as described.

4. In a match-box, the combination of a suitable base provided with a vertical stationary deliverer having a groove extending along its upper edge, a vertically-movable match-receptacle proper formed with a downwardly-extending hollow shank which in operation surrounds and moves on the deliverer and is provided at its upper end with a compartment for matches, the deliverer dividing the match-receptacle, when the latter is in its lowered position, into two compartments, the match-receptacle consisting of two side portions having projecting flanges and means for pinning the flanges together to unite the said side portions so as to movably inclose the deliverer, a stud on the outside of the hollow shank, and a pivoted lever for raising the match-receptacle and depositing a match in the groove in the deliverer, substantially as described.

5. In a combined match-box and cigar-tip clipper, the combination of a suitable base provided with a vertical, stationary deliverer comprising a vertically-arranged wall having a groove or depression extending along the top of the same, a covered match-receptacle formed with a downwardly-extending hollow shank which in operation surrounds and moves on the deliverer and is provided at its upper end with a hopper for matches, the deliverer, when the match-receptacle is in its lowest position, extending above the upper edge of the hopper, a lever pivotally mounted exteriorly of the said receptacle and provided with a knife-edge for cutting the tips of cigars, a stud on the outside of the hollow shank for engaging one end of the lever, and a support on the base separate from the deliverer provided with an opening for the insertion of the tip of a cigar and to which support the lever is pivoted, substantially as described.

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

THOMAS O. HEGG.

Witnesses:

F. J. MCKENNEY,
HENRY HENKEL.