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 DEVICE FOR INCISING THE ENDS OF CIGARS.
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915,807.

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Fig. 1.

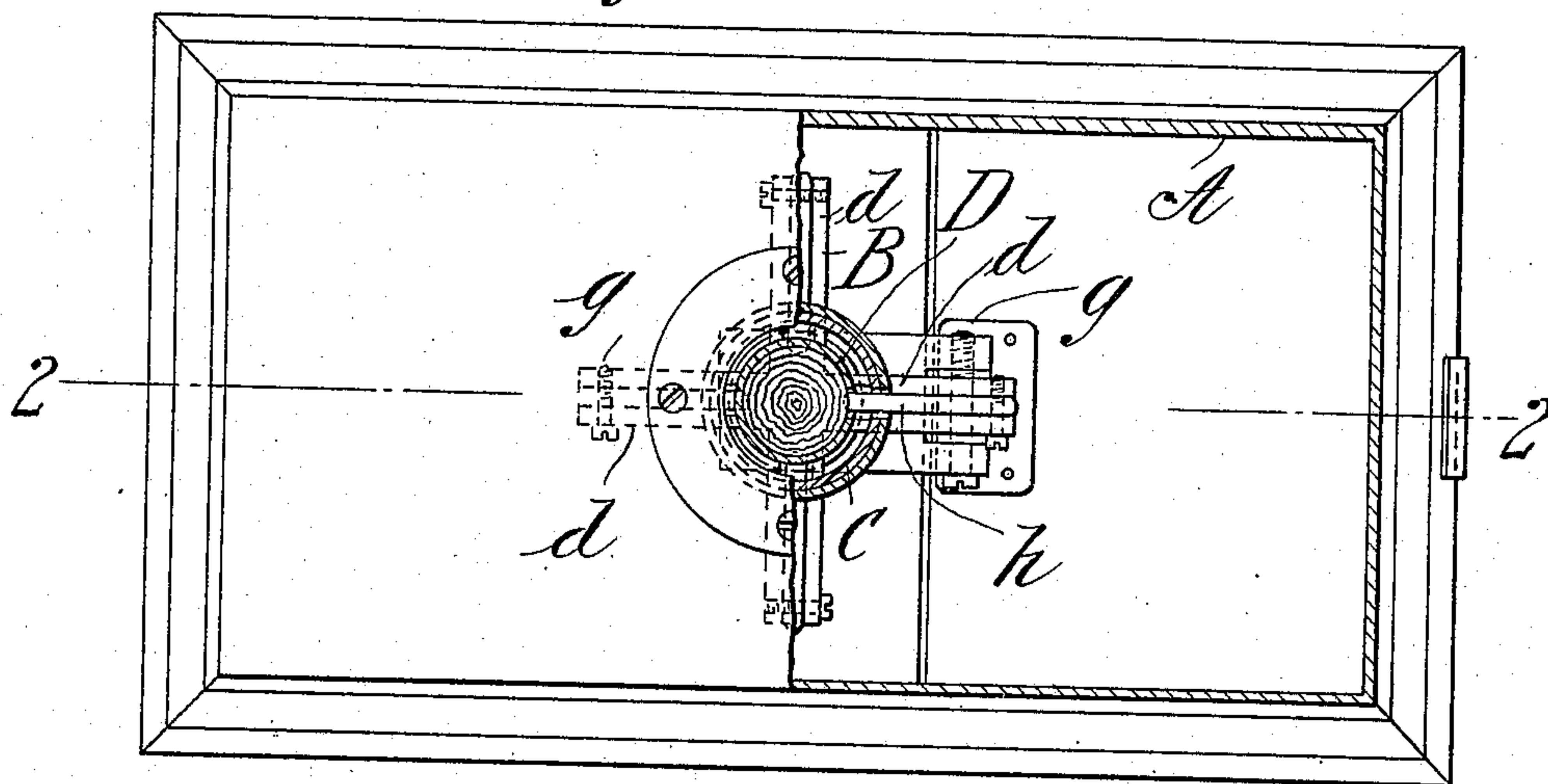
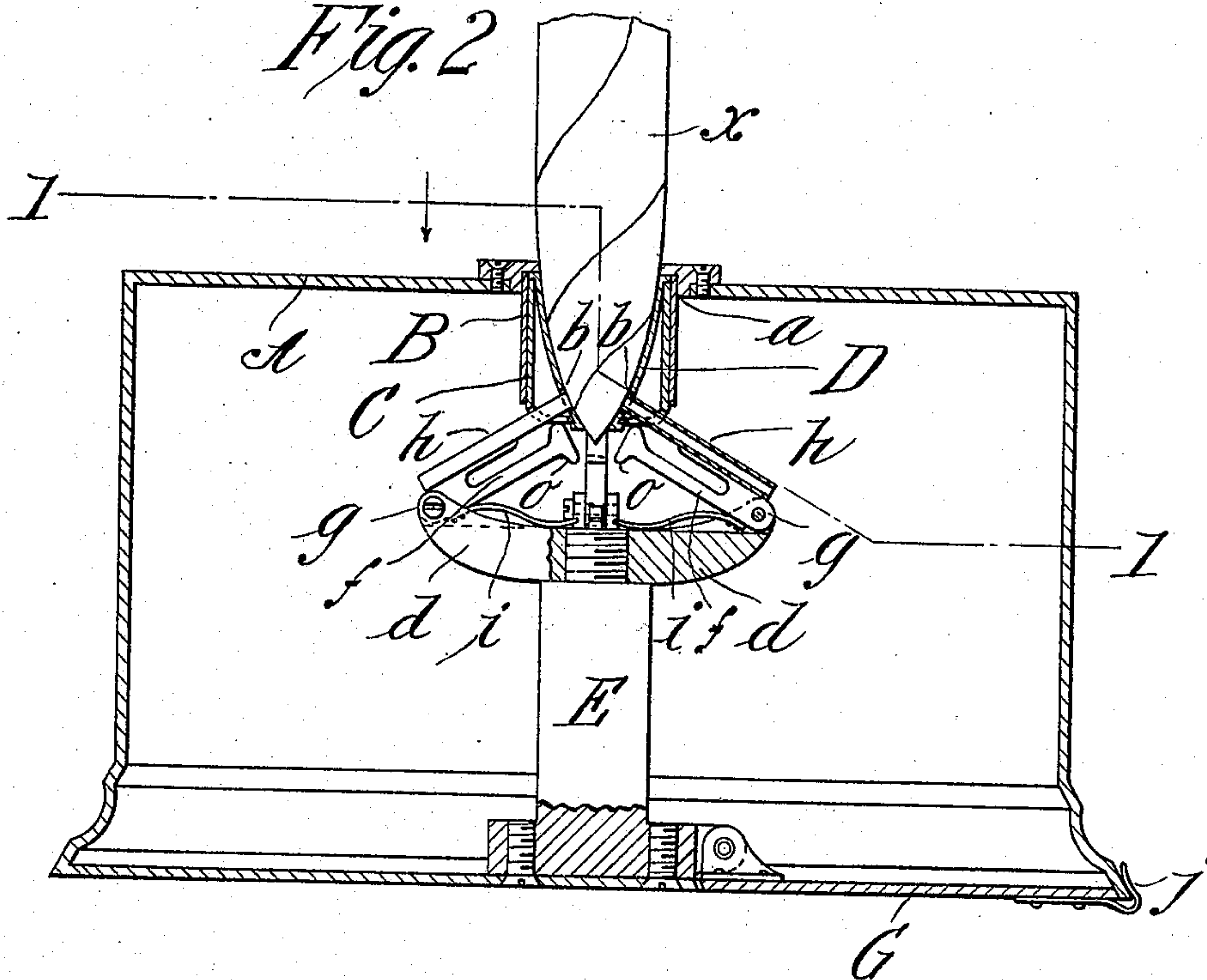


Fig. 2.



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DEVICE FOR INCISING THE ENDS OF CIGARS.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CHARLES G. TAYLOR, a British subject, and resident of Holyoke, in the county of Hampden and State of Massachusetts, have invented certain new and useful Improvements in Devices for Incising the Ends of Cigars, of which the following is a full, clear, and exact description.

This invention relates to a device for incising or perforating the ends of cigars to prepare them so that they will draw for smoking, as considered preferable in many cases to the clipping off of the cigar end.

The invention consists in the combination and arrangement of parts as hereinafter described in conjunction with the accompanying drawings and as set forth in the claims.

In the drawings,—Figure 1 is a partial plan view and partial horizontal sectional view of the device; Fig. 2 is a central vertical sectional view of the same as taken on line 2—2, Fig. 1. Line 1—1, Fig. 2, indicates the plane on which the portion of the view Fig. 1, which is in section, is taken.

In the drawings, A represents a casing of rectangular or other suitable shape having an opening *a* in its top in which is fitted a stationary sleeve-like guide B. C represents a cylindrical shell movably vertically guided within said sleeve and having as one thereof a conical cigar end receiver D provided with a plurality of apertures *b b* through a lower portion thereof. E represents a post below and concentric with the axis of the said sleeve and cigar end receiver, provided with a plurality of radially extending arms *d d*, to which a plurality of normally oblique members *f* are connected by pivots *g*. Each of these members *f* has, made as one therewith, an incising tool *h*, the inner end of which extends somewhat inwardly beyond the inner end of the member *f* which carries it, and has an engagement through the respective one of the apertures *b* provided therefor in the cigar end receiver. The free end of member *f*, is weighted as at *o*, to balance the member and to assist same in having an easy and even operation. The spiral springs *i* reacting between the upper end of the post E and the pivot members *f* normally maintain the parts *f* and *h* in their normal positions shown in Fig. 2.

In the example of the incisors here given, they are made of tubular form, open from one end to the other and being sharpened at their inner ends for the penetration of the

cigar and so that the portions of the cigar which they perforate may be discharged endwise outwardly through the tubular incisors into the receptacle comprised in the inclosed casing A.

G represents a hinged and movable lower section of the casing held normally closed by the catch *j* and affording means for the removal, as occasion requires, of the cigar cuttings.

The operation of the device, as apparent from Fig. 2, is in brief that a cigar *x* introduced into the receiver D and downwardly forced carries the receiver and its carrying sliding shell C downwardly, causing inward swinging movements through the engaged incising tubes *h*, and the members *f* of such parts *h* and *f* whereby inward projections of the incisors penetrate the cigar for preparing it for smoking. Immediately the cigar is lifted out of its engagement, the springs *i i* react to return the parts to their normal positions.

I claim:—

1. A device of the type set forth composed of a casing, a cigar end receiver movable vertically through the casing top and having a series of apertures therein, an upwardly projecting post on the bottom of the casing rigidly connected thereto and arranged to underlie said receiver, a series of radial outwardly extending arms carried by the upper end of said post, a cigar incising member pivoted to the outer end of each arm and having its free end extending in one of said receiver apertures, and a spring for each of said members, said springs engaging on the outer faces of the arms and on the under faces of said members.

2. In combination with the casing, a cigar end receiver movable vertically through the casing top and having a series of apertures therein, a post stationarily arranged on the bottom of the casing and alined with said receiver, a horizontal member on said post, and a series of spring pressed incising members having one of their ends pivotally connected to the outer end parts of said horizontal member and having their free ends extending in said apertures of the receiver.

3. In combination with the casing, a cigar end receiver movable vertically through the casing top and having a series of apertures therein, a central stationary member in said casing underlying said receiver, a series of members each pivoted at one end to said

stationary member and having their free ends weighted, an incising tool carried by each of said pivoted members and having its cutting end projecting beyond said weighted
5 end of the pivoted member and into one of said apertures of the receiver, and a spring for each pivoted member engaging between said stationary member and said pivoted members.

10 4. In a device of the type set forth, a casing having a top formed with an opening, a stationary sleeve secured to said top and projecting downwardly through said opening, a cigar end receiver composed of a
15 cylindrical sleeve having apertures arranged

in said stationary sleeve and movably guided thereby, a stationary vertical part on the casing bottom, a series of horizontal radial arms on the upper end of said vertical part, and a series of spring pressed incisors 20 pivoted at one end to said arms and having their free ends arranged in said apertures of the receiver.

Signed by me at Springfield, Mass., in presence of two subscribing witnesses.

CHARLES G. TAYLOR.

Witnesses:

WM. S. BELLOWS,
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