

E. F. HALL.
CIGAR PERFORATOR.
APPLICATION FILED JAN. 29, 1909.

935,973.

Patented Oct. 5, 1909.

Fig. 1.

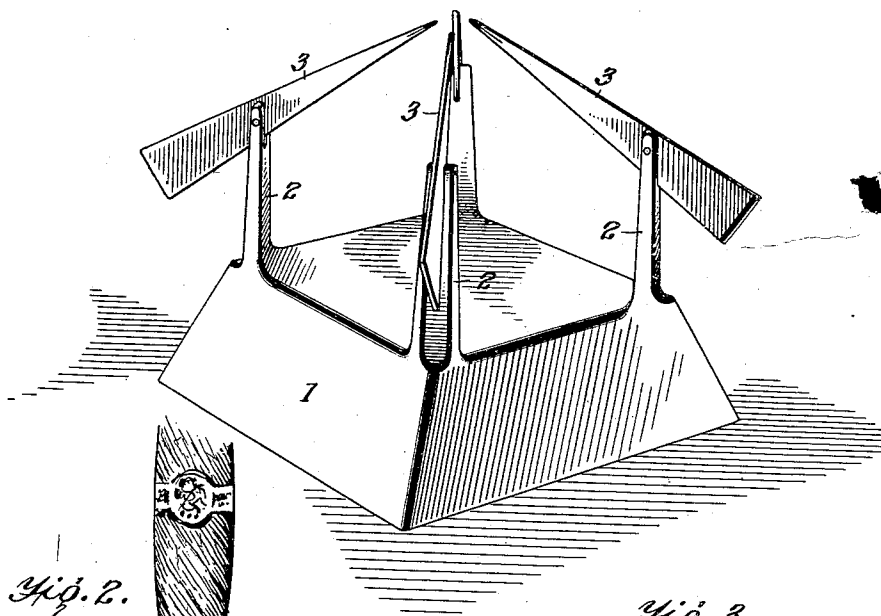


Fig. 2.

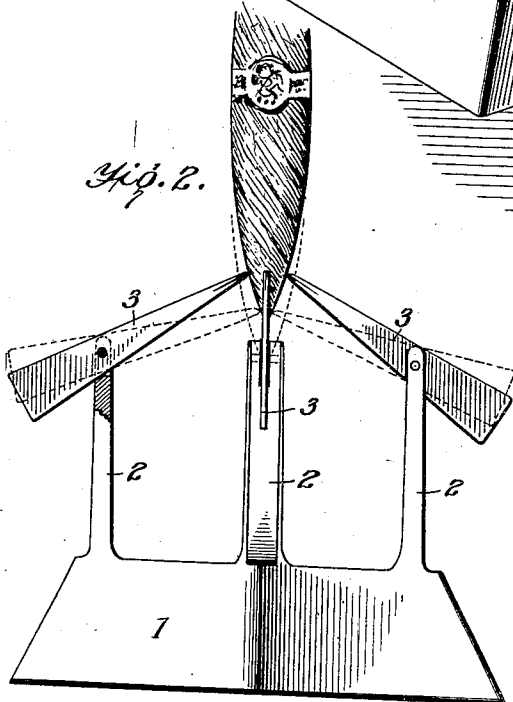
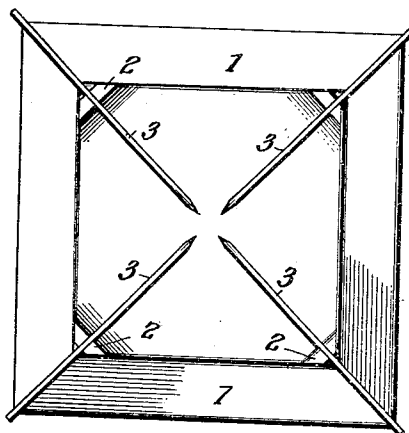


Fig. 3.



WITNESSES

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EARL FRANK HALL, OF FOWLER, COLORADO.

CIGAR-PERFORATOR.

935,973.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, EARL FRANK HALL, a citizen of the United States, and a resident of Fowler, in the county of Otero and State of Colorado, have invented certain new and useful Improvements in Cigar-Perforators, of which the following is a specification.

My invention is an improvement in that class of cigar perforators which are provided with a series of opposite points or prickers pivoted and arranged convergently in such manner that when the tip of a cigar is pressed down between them they enter the same and thus form lateral holes which assist in producing an easy draft.

Heretofore the perforating devices have been supported directly or indirectly by means of springs, and their inner converging ends had been arranged to work in vertical slots that serve as guides. I have devised an improvement wherein such springs and guides are dispensed with, and the construction is so simplified, that the cost of the apparatus is materially reduced.

The details of construction, combination and operation of the parts composing my improvement are as hereinafter described, and shown in the accompanying drawing in which—

Figure 1 is a perspective view of my perforator complete. Fig. 2 is a side view of the same, which also illustrates the operation of perforating a cigar-tip. Fig. 3 is a plan view of the perforator.

My invention comprises a suitable base 1, which is preferably weighted, a series of vertical posts or standards 2, rising from such base, and a like series of perforators proper 3, which are pivoted in the upper ends of the posts and whose inner ends converge and approximate each other, the space between them being sufficient to receive the tip of cigars of ordinary size. The upper ends of the posts 2 are slotted, and the perforators 3 are pivoted therein. These consist of blades whose inner ends are pointed and

whose outer ends are weighted. In practice, they may be variously constructed, but I prefer to form them of metal plates which, as shown, are triangular or wedge-shaped in side view. The edges of these are sharpened for a short distance. As shown in section in Fig. 2, the slots in the posts 2 are of such depth that when the perforators 3 are in normal position they rest, and are supported on, the bottom of the slots, at the outer edge of the same. Such position is an inclination of about 30°.

In practical operation, a cigar is placed between the points of the perforators, as shown by dotted lines in Fig. 2, and pressed down so that the perforators are carried down to nearly a horizontal position, the points of the perforators being thus caused to enter the cigar and form lateral holes, which assist in promoting draft as will be readily understood. The operation of the perforators 3 is therefore practically automatic, it being dependent solely upon the downward movement of the cigar; and they withdraw from the latter when the same is raised, and then resume their normal position by reason of being weighted at their outer ends. The perforator taken as a whole is simple in construction and effective in use.

I claim:

The improved cigar-perforator comprising a weighted base and vertical standards fixed thereon and provided with vertical slots, wedge-shape plate-metal perforators pivoted in the slots, which thus serve as guides, the broader ends of the perforators being outward and overweighting their inner portions and resting normally upon the bottoms of the slots, whereby the perforators are supported normally at the required angle, in convergent position, as shown and described.

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