

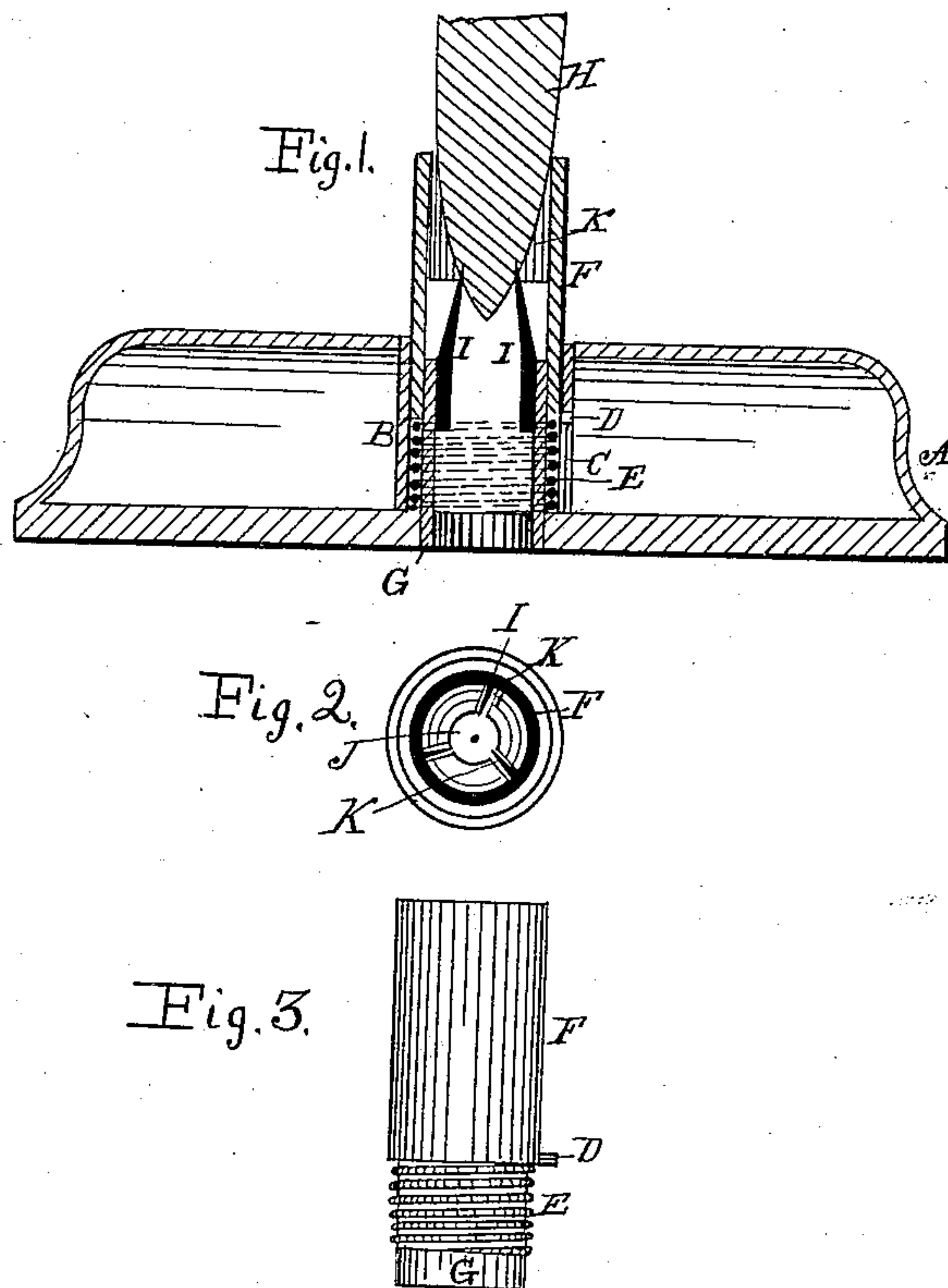
(No Model)

L. LATTAN & H. TRIPP.

CIGAR PERFORATOR.

No. 407,358.

Patented July 23, 1889.



Witnesses:
Charles Campbell
M. D. Talcott

Inventors.
Herman Tripp
Lauris Lattan
By G. L. Chapin.
Atty.

UNITED STATES PATENT OFFICE.

LOUIS LATTAN AND HERMAN TRIPP, OF CHICAGO, ILLINOIS.

CIGAR-PERFORATOR.

SPECIFICATION forming part of Letters Patent No. 407,358, dated July 23, 1889.

Application filed February 15, 1889. Serial No. 300,017. (No model.)

To all whom it may concern:

Be it known that we, LOUIS LATTAN and HERMAN TRIPP, citizens of the United States, and residents of Chicago, county of Cook, and State of Illinois, have invented a new and useful Improvement in Cigar-Perforators, of which the following is a specification, reference being had to the accompanying drawings, illustrating the invention, in which—

10 Figure 1 is a vertical sectional elevation of our improvement in cigar-perforators complete for use. Fig. 2 is a top or plan view of the device removed from the stock better to show the construction. Fig. 3 is a view in
15 elevation of the stationary and reciprocating cylinders and coil-spring removed from the stock.

The purpose of this invention is to provide a cigar-perforating device with means whereby the chips or broken portions of the cigar removed by the perforators may pass out of the case without any attention on the part of the user.

It has been the custom to employ a socket
25 or holder which is to be thrust down by the pointed end of the cigar therein to force a central perforator or side perforators into the cigar to form openings for drawing the smoke through; but all such devices of which we
30 have knowledge are closed at the opposite ends from the holder, so that the chips broken off by the perforators soon fill the cavity within the case and the device soon becomes inoperative. We remedy this objection by attaching the perforators to a cylinder which is
35 open at both ends, and is therefore free to convey tobacco-chips from the cigar. The device is more especially designed to be used in cigar-stores and other places for the accommodation of a large number of smokers; but
40 it may be made compact, so as to be carried by a person.

A represents a base suitable for the support of the operating devices, and B represents a cylindrical portion extending from

the top to the bottom of the base, to serve as an exterior guide for a reciprocating cylinder F, and to serve as a stop by means of a vertical slot C in one side and a pin D inserted in cylinder F and running in said slot to regulate the distance which the cigar-holder shall move. A cylinder G is inserted in a hole in the bottom of base A and rigidly secured therein, and to the top portion of the cylinder are secured two or more sharp-pointed
55 perforators I, and surrounding the open stationary cylinder B is placed, as is the custom, a coiled spring E, to elevate the holder K after a cigar has been perforated. This holder is made rigid to the inside of cylinder F, and it
60 has formed in it vertically and radially a number of slots corresponding to the number of perforators, so that the holder may pass down far enough for the perforators to enter the cigar above the point of its small end. By this means the reciprocating cylinder F and the holder are inseparable and the slots for the perforators have no openings external to the holder.

Having thus described our invention, what we claim, and desire to secure by Letters Patent, is—

The cigar-perforator described, consisting of a base-plate A, having a central opening, stationary tubes B and G, located concentrically to each other in the central part of the base, the tube B having a vertical slot, the tube G being open at both ends and carrying at its upper end upwardly-projecting perforators, a reciprocating tube F, located between tubes B and G, carrying at its upper end a seat K for a cigar, and a coiled spring located beneath the tube F, all combined and operating as set forth.

LOUIS LATTAN.
HERMAN TRIPP.

Witnesses:

G. L. CHAPIN,
ANNA D. JOHNSON.