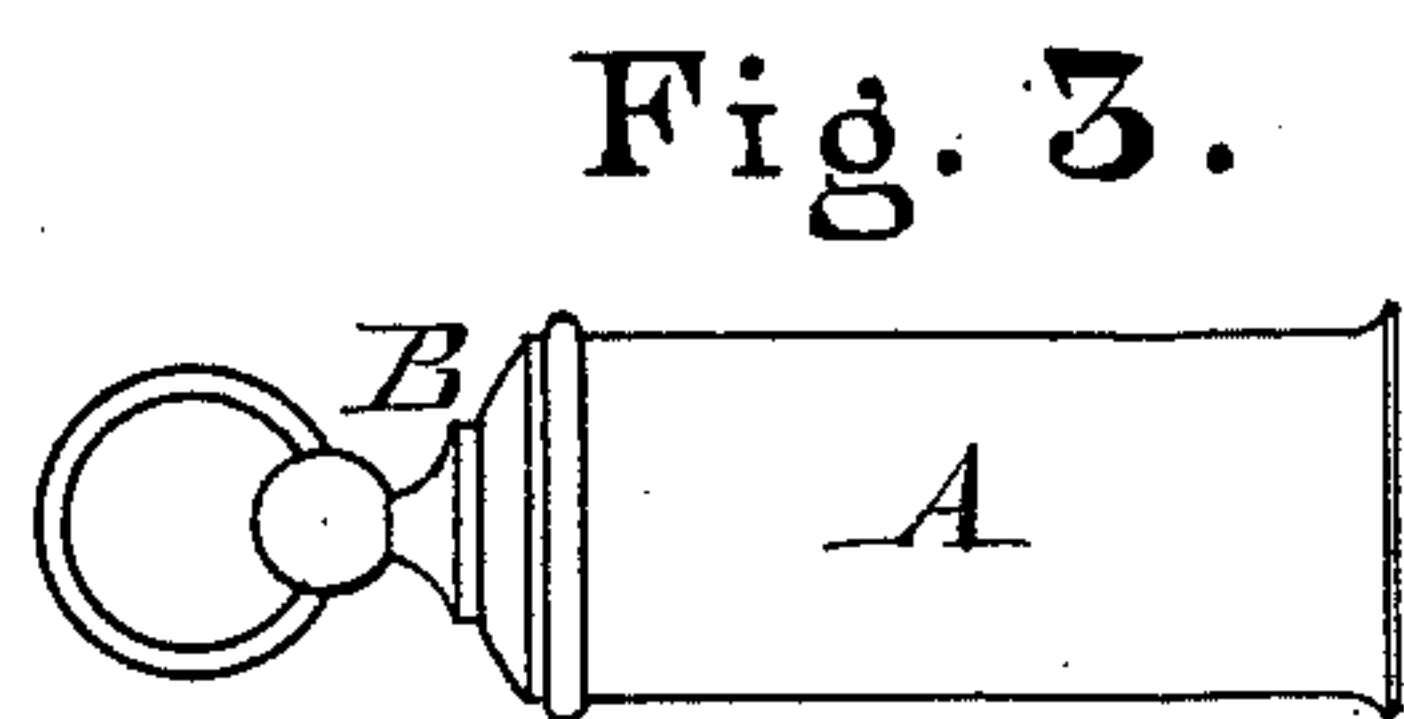
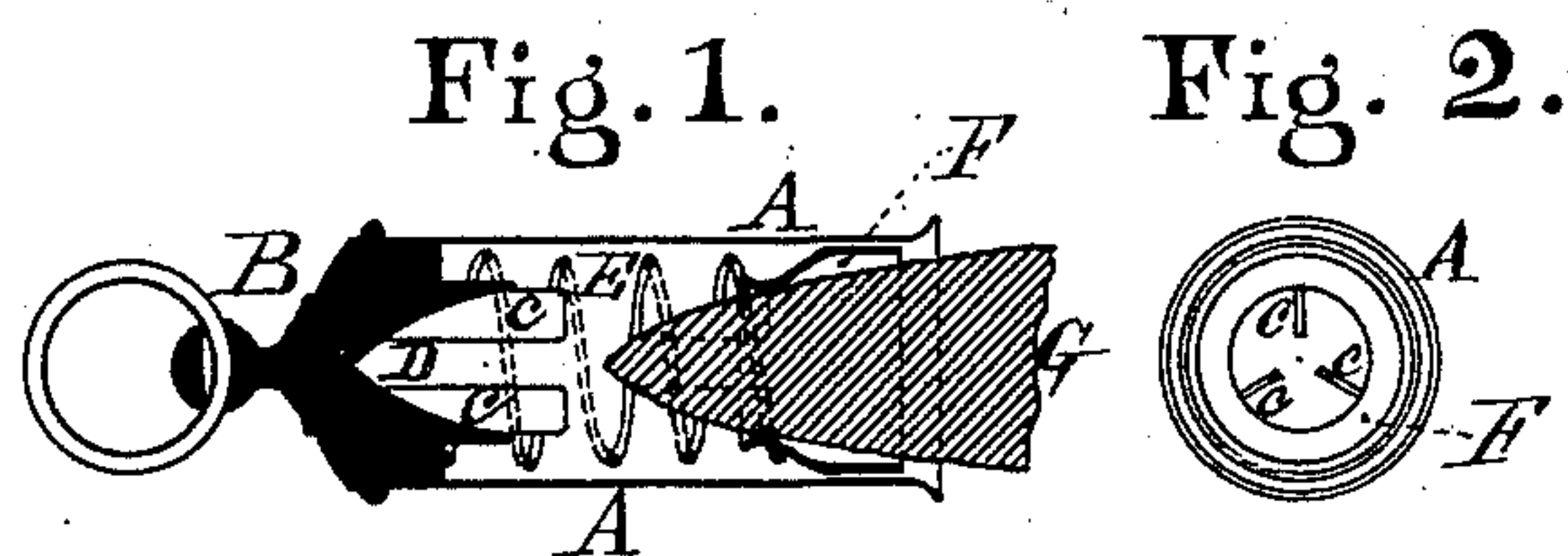


P. B. WIGHT.  
Cigar-Puncturing Device.

No. 223,020.

Patented Dec. 30, 1879.



Witnesses  
L. Bacon  
D. P. Cowell

Inventor:  
Peter B. Wight.  
By his Attorneys,  
Stansbury & Munro.

# UNITED STATES PATENT OFFICE

PETER B. WIGHT, OF CHICAGO, ILLINOIS.

## IMPROVEMENT IN CIGAR-PUNCTURING DEVICES.

Specification forming part of Letters Patent No. 223,020, dated December 30, 1879; application filed May 17, 1879.

*To all whom it may concern:*

Be it known that I, PETER B. WIGHT, of the city of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Cigar-Puncturing Devices; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification, in which—

Figure 1 is a longitudinal section of one of my cigar-punches. Fig. 2 is an elevation at the open end, and Fig. 3 is a side elevation.

It is customary, as is well known, for many smokers to puncture the end of a cigar with a knife-blade or other instrument, in order to avoid any waste of its material and to make it draw freely. The object of my invention is to accomplish the same purpose in a better and more convenient way by means of a novel device, consisting of a tube closed at one end and furnished with an inner stationary cup, two, three, or more stationary cutters, and a guide attached to the head of the tube by means of a spiral spring.

In the drawings, A represents the cylinder, open at one end, and closed at the other with a head or cap, B. Within this cylinder, and to the under side of the head, a cup-shaped recess, D, is attached, and also cutters *c c*, &c. These cutters are arranged within the cup D, and may be of any number and of any length desired, as well as of any form—that is, either flat, round, or angular; but they must be sharp at their ends. The cup-shaped recess D is similar in shape to the end of a cigar, and is intended to receive and arrest the cigar when pushed down upon the cutters *c c*, and to prevent its end being mashed when this is done violently.

E is a spiral spring, attached at one end to the head B, and so as to move freely outside of the cup D, and at the other to a guide, F, which slides freely in the cylinder, is con-

centric with it, and open at both ends. Its inner end is contracted, so that the tapering end of the cigar will rest against it, and yet large enough to pass outside of the cutters *c c* when forced toward the head of the cylinder. Its sides are straight, so that in moving it will always maintain the same direction.

The operation of the device is as follows: The smoker, desiring to puncture the closed end of his cigar, so that it will draw freely, thrusts this end into the open end of the device, and, pushing it forward, the guide F directs it to the cutters *c c*, which, as it passes into the cup D, cut two, three, or more slits or holes therein. While the end of the cigar is being thus cut or punctured the contracted end of the guide and the cup-shaped recess D both form bearings for its exterior and prevent any breaking or injury to the wrapper further than is done by the cutters. As soon as the puncturing is done the spiral spring forces the guide back to its original position, ready for another operation.

Having thus described my invention, what I claim is—

1. The combination, with the cylinder A, of the stationary socket D, provided with the cutters *c c c*, arranged as described, and the open movable spring-guide F, all constructed and operating in the manner and for the purpose specified.

2. In a cigar-perforator, the combination of the fixed socket D and movable guide F, shaped as described, so as to form, when in contact, a continuous socket having the configuration of the pointed end of a cigar, so as to support it effectually and prevent its mutilation during the process of puncturing, and also to act as a stop to limit the action of the cutters, all as set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

PETER B. WIGHT.

Witnesses:

F. WINSTON MORSELL,  
FRANK A. PETTIBONE.