

J. CAMPBELL.  
Mouth-Piece for Cigars.

No. 163,358.

Patented May 18, 1875.

Fig. 1.

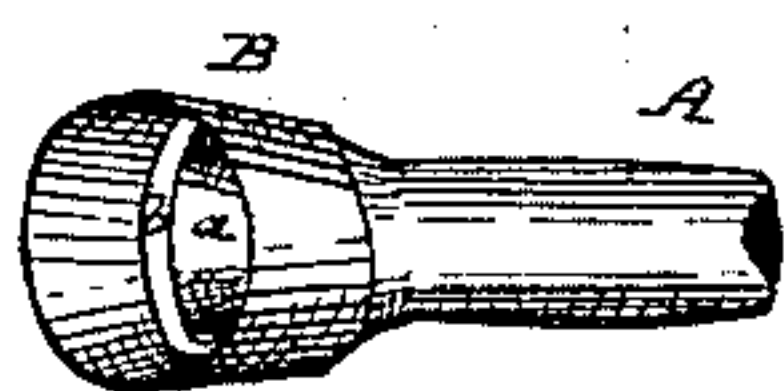


Fig. 2.

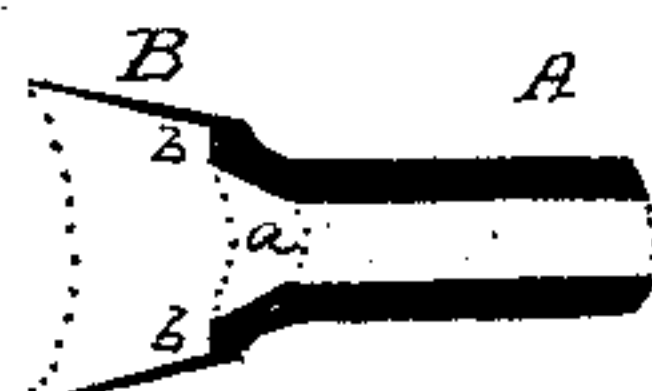
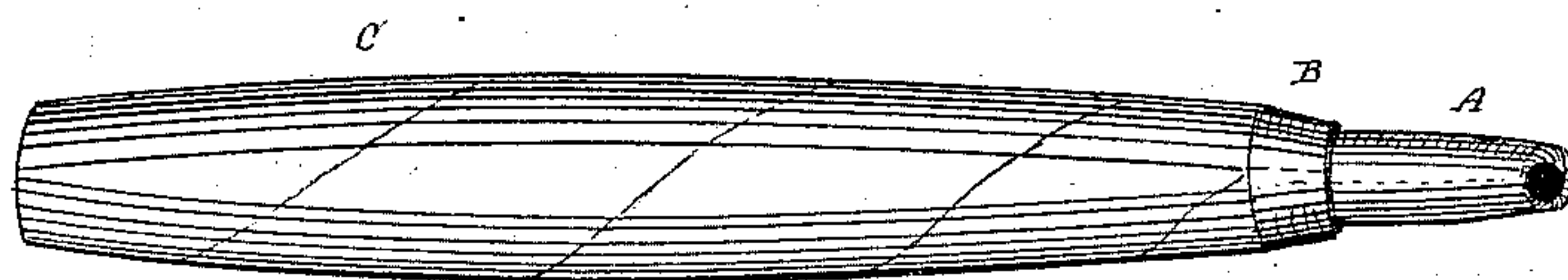


Fig. 3.



Witnesses.  
Henry Schubert  
Jacob Stauffer

Inventor.  
J. Campbell

# UNITED STATES PATENT OFFICE.

JEREMIAH CAMPBELL, OF LANCASTER, PENNSYLVANIA.

## IMPROVEMENT IN MOUTH-PIECES FOR CIGARS.

Specification forming part of Letters Patent No. **163,358**, dated May 18, 1875; application filed April 22, 1875.

*To all whom it may concern:*

Be it known that I, JEREMIAH CAMPBELL, of the city of Lancaster, in the county of Lancaster and State of Pennsylvania, have invented certain Improvements in Mouth-Piece for Cigars, of which the following is a specification:

The object of this invention is to form the mouth-piece at one operation, combining the socket and tube with its shoulder and conic enlargement of the bore in the tube complete and ready for use as it comes from the lathe and mandrels, and avoid the use of paper sockets and the appliance for attaching, as set forth in the patent granted to Jonathan Ball, dated the 28th day of March, 1865, No. 2,113, (reissue,) and now vested in me, the said JEREMIAH CAMPBELL, as per transfer endorsed upon the original patent, dated March 27, A. D. 1875.

The accompanying drawings, with the letters of reference marked thereon, illustrate the construction of said improved mouth-piece.

Figure 1 is a perspective view of the combined socket and tube as it comes from the lathe and machinery for turning it, completed. Fig. 2 shows a longitudinal section of the same; Fig. 3, the mouth-piece and a cigar secured in its socket.

The pellets of wood, being cut to length and thickness, are secured to the lathe, with its mandrels, reamers, and perforator, so that by the combined machinery these mouth-pieces are turned out with ease, certainty, and speed, with no more labor than to form the tube previously used for receiving the paper socket. The stick, water-proof varnish, and tedious process of pasting to make the stiffened or shellac-varnished paper adhere are all avoided; but my customers complained that the bronzed paper used came off and stuck to the lips, or turned green, or when saturated with moisture the paper peeled off; also, that the narrow bore of the tube-opening, and against which the squarely cut-off end of the cigar abuts, was liable to clog and impede the free draft of the cigar. To obviate these objec-

tions, and yet to supply the trade with the desirable mouth-piece, which not only saves labor in forming the tips, but waste of material, and moreover the tendency to chew and bite off the soaked ends of cigars after they are made, these wooden tubes, formed at a trifling cost, give to the cigars a great additional value to most smokers, and hence in great demand.

The improvements consist in drilling out the socket B. A square shoulder, *b*, is left, sufficient to hold the outer shell or wrapper abutting against it, while the central portion of the squarely cut-off cigar is free to the open bell or conical form given to the inner end of the bore in the tube, which is made as large as practicable, so that the suction is freely spread over the cigar, an air-space left, and all clogging prevented by thus widening or reaming out the inner end.

When we consider that by means of suitable machinery the whole tube, socket, shoulder, and conic opening and perforation of the tube, and the external surface are all completed in one operation with great speed and ease, furnishing the completed mouth-piece at the same cost and labor it required for making the tube-end heretofore used for receiving the paper socket with its extra labor, it will be seen that a great saving is had, besides all the objections advanced obviated. Therefore, having, after much study, improved on the original patent now held and owned by me, I deem it to differ substantially in a manner that the claim for a mouth-piece for a cigar composed of a wooden tube and paper socket would not secure me in this invention. Therefore,

What I claim as my improvement on this new article of manufacture is—

The mouth-piece for a cigar herein described, constructed with its tube and socket of one piece of wood, in the manner substantially as and for the purpose specified.

JER. CAMPBELL.

Witnesses:

HENRY SHUBERT,  
JACOB STAUFFER.