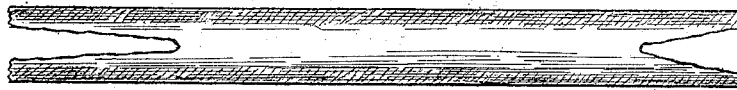


S. SCHOLFIELD.  
CIGAR FILLING.

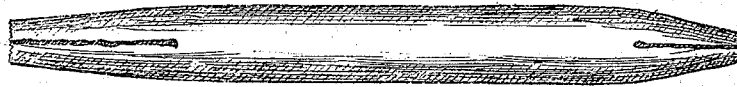
No. 111,089.

Patented Jan. 17, 1871.

*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



*Fig. 4.*



*Witnesses.*

*D. A. Wrightman*.....  
*L. Scholfield*.....

*Inventor.* *Severus Scholfield*

# United States Patent Office.

SOCRATES SCHOLFIELD, OF PROVIDENCE, RHODE ISLAND.

Letters Patent No. 111,089, dated January 17, 1871; antedated January 7, 1871.

## IMPROVEMENT IN CIGAR-FILLINGS.

The Schedule referred to in these Letters Patent and making part of the same.

### *To all whom it may concern :*

Be it known that I, SOCRATES SCHOLFIELD, of Providence, in the county of Providence and State of Rhode Island, have invented an Improvement in Cigar-Fillers or Bunches; and do hereby declare that the following is a full and exact description, reference being had to the accompanying drawing making a part of this specification.

The nature of my invention consists in tapering cigar-fillers or bunches, by removing an internal section of wedge, or other suitable form, thus producing a forked end, which, when pressed together, will close up to the size desired.

To enable those skilled in the art to make and use my invention, I will proceed to describe it more fully by first observing that cigar-fillers or bunches of uniform size from end to end may be readily cut out by proper machinery, but cannot in that form be made up into a satisfactory cigar, on account of the superfluous stock at the ends, which will become pressed down hard when forming the tuck and point in a wrapping-machine.

In order to overcome this difficulty, it has been the practice to feed the tobacco to the filler-machine so that, while it enters in a compact mass at the point corresponding to the middle part of the cigar, it may be much thinner at the ends, so that when cut off by a knife the proper quantity may be found at each of the several points in the cigar.

This mode of arranging the fillers, however, requires constant care and much skill in feeding the machine, and in order to obviate this defect the filler has been stamped or cut in proper tapering form from a layer of suitable thickness. A filler of this kind is represented in section in Figure 4, which shows a defective arrangement of the seams or passages for smoke, which, in this case, lead directly against the binder or wrapper, thus rendering it difficult to draw the smoke

through the cigar. In fact nearly all machine-cigars, as heretofore made, appear to be extremely liable to question in regard to their smoking qualities.

By my improvement I am enabled to produce a better smoking cigar by simply cutting out a notch or slit of suitable dimensions, at the ends of the filler or bunch, as represented in figs. 1 and 2, Figure 1 being a side view, showing the cut when first made, and Figure 2 a similar view, showing the cut closed up, thus giving the required tapering form; and, at the same time, keeping the fibers parallel with the exterior surface of the cigar, all the openings for the passage of the smoke being thus directed to the very point of the cigar, as shown in the sectional drawing, Figure 3.

In striking out these tapering notches I use a cutter or die, arranged to operate as most convenient.

The cut at the tuck end may be about one and a quarter inch in length, and at the point end about three-quarters of an inch, being made of such size or shape as to take out the proper quantity of material.

My improvement relates most properly to tapering a cigar bunch after it has been bound firmly in approximate cylindrical form, from the fact that the relative position of the interior fibers will not become subsequently changed by handling or rolling.

What I claim as my invention is—

A cigar-filler or bunch, primarily arranged or held by suitable means in approximate cylindrical form, and of uniform size throughout, or nearly so, and tapered by removing a section of its interior fiber, in wedge or other suitable shape, producing an improved cigar, substantially as described.

SOCRATES SCHOLFIELD.

Witnesses:

D. A. WIGHTMAN,  
L. SCHOLFIELD.