F. BOURNE.

Cigar-Tip.

No. 163,141. Patented May 11, 1875.

Fig. 1.

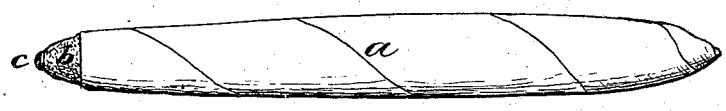
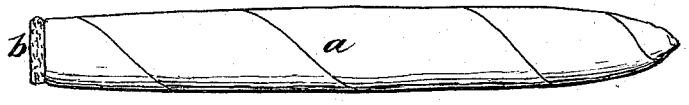


Fig. 2.



Witnesses.
Sam.l M. Barton.
A E. Denison.

Inventor.
Francis Bourne.
by his Attys.
C. D. Wright & Bro.

THE GRAPHIC CO. PHOTO-LITH. 39 & 41 PARK PLACE, N.Y.

UNITED STATES PATENT OFFICE.

FRANCIS BOURNE, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN CIGAR-TIPS.

Specification forming part of Letters Patent No. **163,141**, dated May 11, 1875; application filed April 20, 1875.

To all whom it may concern:

Be it known that I, FRANCIS BOURNE, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain Improvements in Cigar-Tips, of which the following is a specification:

In the accompanying drawings forming a part of this specification, Figures 1 and 2 represent two forms of my improved tip.

My invention has for its object to provide a tip for cigars which will ignite quickly, and adhere firmly to the end of the cigar without the use of a special adhesive material. To this end my invention consists in a cigar-tip composed of a suitable combustible comminuted substance or mixture, saturated with collodion, and applied while wet to the end of a cigar, the collodion causing the comminuted substance to adhere firmly to the end of the cigar, and rendering the tip highly inflammable, as I will now proceed to describe.

In the drawings, *a* represents a cigar, and *b* the tip, which latter is composed of any suitable combustible comminuted material or mixture, saturated with collodion. I prefer to employ for the comminuted material a mixture of tobacco and pyroxyline in about equal parts. This mixture is converted into a thick paste by the collodion, and in this condition is applied to the end of a cigar, and molded into any desired shape. The collodion, being very adhesive, as well as inflammable, causes the comminuted particles to adhere firmly together, and to the end of the cigar, and also causes the tip to ignite with great readiness upon the application of heat.

The tip may be provided with a secondary tip, *c*, adapted to be ignited by friction, like that of a match. When the secondary tip is employed I prefer to elongate or round the end of the tip *b*, as shown in Fig. 1. It may, however, be of any desired shape.

As I have before implied, I do not confine myself to any particular material or mixture for the body of my improved tip, as almost any combustible material will answer the purpose, the essential feature of my invention being the employment of collodion as a highly-inflammable, as well as adhesive, material for uniting the particles of a combustible comminuted material, rendering them more combustible, and causing the mixture thus formed to adhere to the end of the cigar.

The mixture of pyroxyline and tobacco with collodion forms a body which, when ignited, will burn for a considerable length of time, and will ignite the end of the cigar without the necessity of the smoker drawing air through the cigar into his mouth until the tip is consumed.

This tip will be found a great convenience to smokers, whether used with or without a frictional tip, as in either case it is very readily ignited, and ignites the entire end of the cigar.

The tip may be formed by saturating the end of the cigar with collodion, instead of applying the saturated tip, without departing from the spirit of my invention.

I claim—

A tip for cigars, composed of a combustible comminuted material or mixture, saturated with collodion, and thus rendered highly combustible, and at the same time adhesive.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

FRANCIS BOURNE.

Witnesses:
SAML. M. BARTON,
CHARLES F. BROWN.