T. C. Richards

Impd Cigarette

No. 47660 Patented May 9, 1865

Fig: 1.

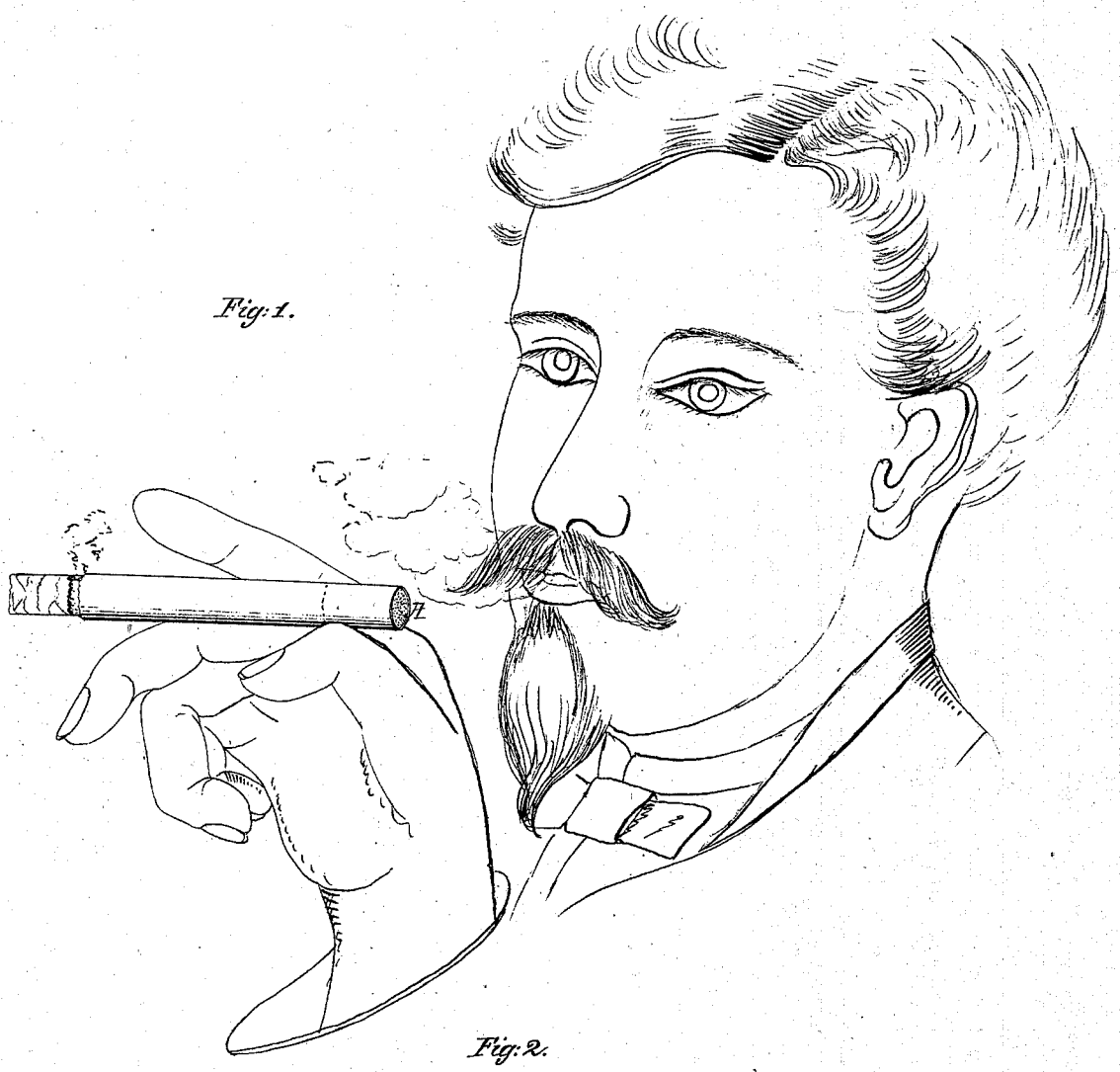
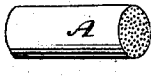


Fig: 2.



Witnesses.
M. M. Livingston
Gustave Dieterich

Inventor.
T. C. Richards

UNITED STATES PATENT OFFICE.

T. C. RICHARDS, OF NEW YORK, N. Y.

IMPROVED CIGARETTE.

Specification forming part of Letters Patent No. **47,660**, dated May 9, 1865.

To all whom it may concern:

Be it known that I, T. C. RICHARDS, in the city, county, and State of New York, have invented a new and useful Improvement in Cigarettes; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a perspective view of this invention when in operation. Fig. 2 is a detached perspective view of the mouth-piece in a larger scale than the previous figure.

Similar letter of reference indicate like parts.

This invention consists in the employment or use of short round pieces of rattan or bamboo for the mouth-pieces of cigarettes. The stems or stalks of rattan, whether thick or thin, are perforated in a longitudinal direction with a large number of small channels, which extend without interruption from one end to the other. A piece of any required length therefore, when taken in the mouth, admits of a free draft of air through these channels. This property has induced me to make use of suitable rounded pieces, A, of rattan for the mouth-pieces of cigarettes. I take a piece of suitable thickness, of any desired length, and draw the same through a steel plate perforated with one or more holes of the requisite size. By this operation the rattan is made perfectly cylindrical and fit to be cut up in pieces of suitable length for the mouth-pieces. The mouth-pieces thus prepared are inserted in the ends of the wrappers of the cigarettes, either by rolling them in during the time or after the wrappers are made, and the cigarettes are filled or charged with tobacco in the usual manner. The small channels in the rattan mouth-piece admit of a draft; but said channels are not large enough to admit even the smallest particles of tobacco, and no tobacco is allowed to pass to the mouth of the smoker. Furthermore, these mouth-pieces are preferable to the ordinary mouth-pieces made of a coil of paper, because they allow of smoking the cigarette close to the end of the mouth-piece, whereas, if a cigarette with a paper mouth-piece is smoked close to the mouth-piece, the mouth of the smoker is filled with the smoke of burning paper, and the cigarette leaves a disagreeable taste in his mouth.

My mouth-pieces are not liable to become soft when they come in contact with moisture. They afford a good and firm hold to the teeth, and they can be manufactured at a comparatively trifling expense.

The smoke in passing through the large number of small channels in my mouth-piece is cooled, and a cigarette made according to my invention is more agreeable to smoke than one with an ordinary mouth-piece.

I am aware that glass, porcelain, charcoal, and other materials have been used before to manufacture mouth-pieces for cigarettes. This, therefore, I do not claim; but

What I claim as new, and desire to secure by Letters Patent, is—

Manufacturing the mouth-pieces of cigarettes of rattan or bamboo, in the manner and for the purposes described.

T. C. RICHARDS.

Witnesses:

M. M. LIVINGSTON,

HENRY MORRIS.