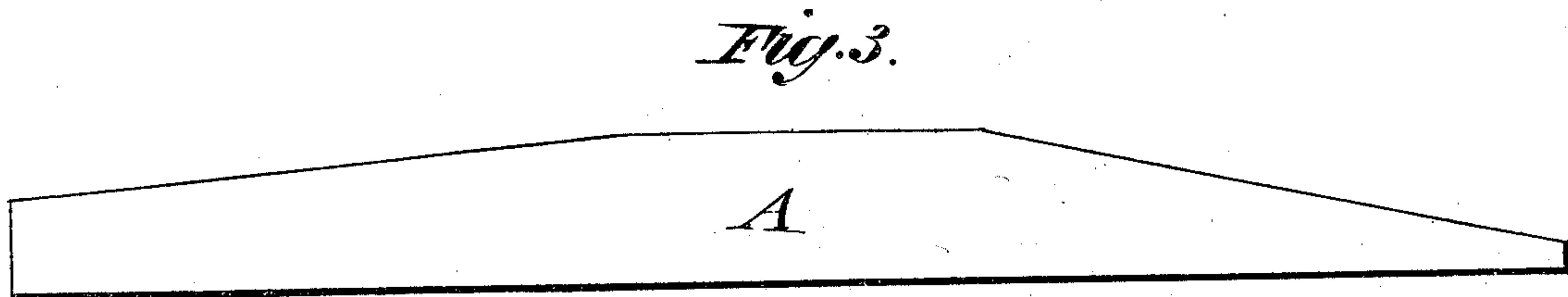
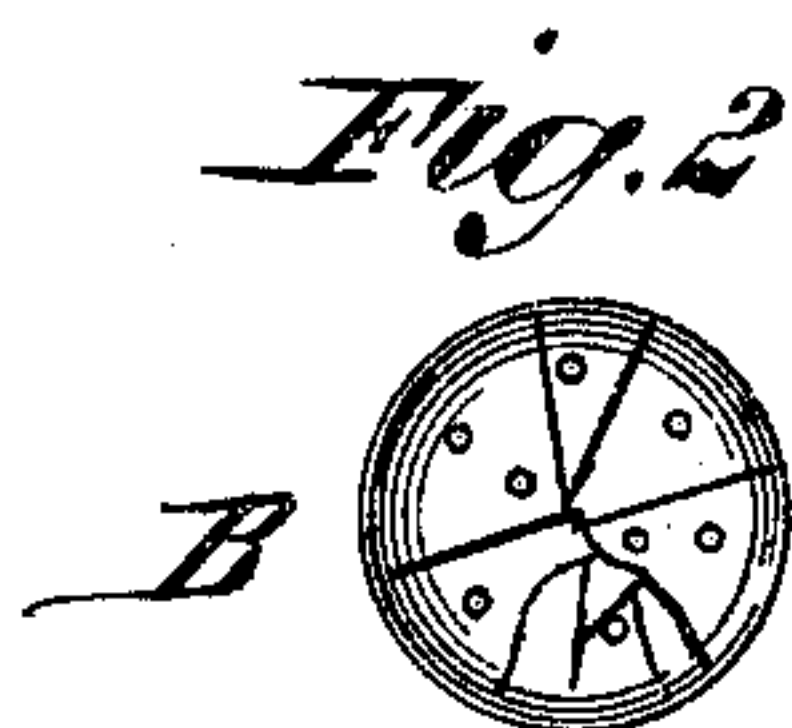
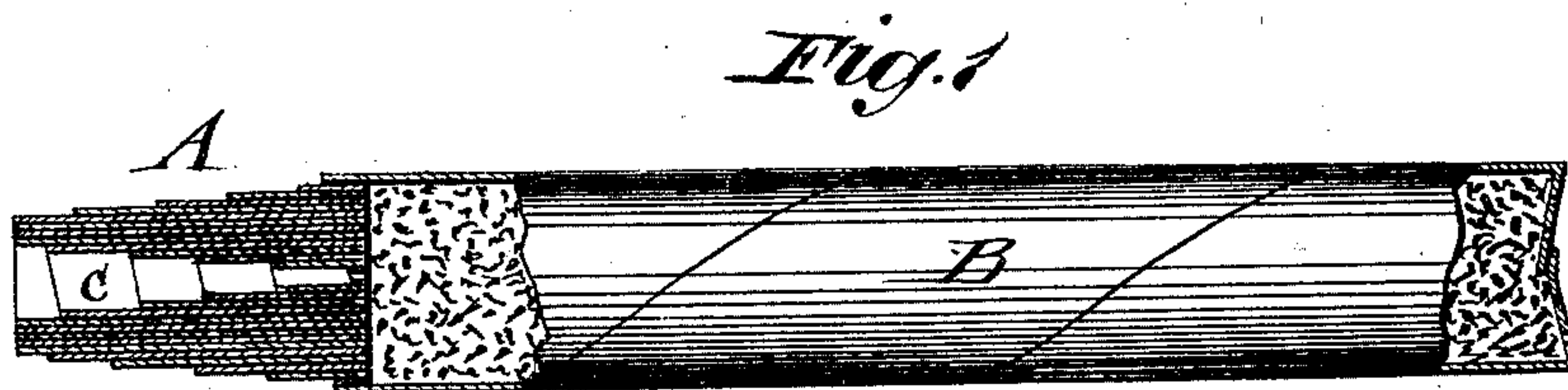


D. MARQUIS.  
CIGARETTE MOUTH-PIECE.

No. 170,752.

Patented Dec. 7, 1875.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

DIEDRICH MARQUIS, OF NEW YORK, N. Y.

## IMPROVEMENT IN CIGARETTE MOUTH-PIECES.

Specification forming part of Letters Patent No. **170,752**, dated December 7, 1875; application filed August 6, 1875.

*To all whom it may concern:*

Be it known that I, DIEDRICH MARQUIS, of New York city, in the county and State of New York, have invented a new and Improved Cigarette, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a sectional side view of my improved cigarette; Fig. 2, an end view, and Fig. 3 a top view of the blank forming the mouth-piece.

Similar letters of reference indicate corresponding parts.

My invention relates to an improved cigarette, which is provided with a nicotine-retaining mouth-piece, and a wrapper in the nature of the common cigar-wrapper, so that a more compact filling and even burning are obtained.

The invention consists of a cigarette with tapering mouth-piece, that is wound with an inner and outer spiral, decreasing in width, to which a wrapper of tobacco-paper is connected in spiral shape, to be filled and closed at the end.

In the drawing, A represents the mouth-piece of my improved cigarette, and B the wrapper of the same. The mouth-piece is provided with a smoke-passage, C, which gradually decreases in diameter from the tip toward the rear end, for the purpose hereinafter stated. The mouth-piece A is rolled by hand or machine from a blank, which is cut as shown in Fig. 3, having a central part of equal thickness, and one end tapering at greater inclination but equal length toward the base-line of the blank than the other end. The blank end, at the less-inclined part, is wider than the opposite end, and forms the inside, being first folded, and then rolled around the

fold, producing thereby an inner increasing spiral with widening mouth, until the middle piece of the blank is reached, and a decreasing outer spiral from the middle part to the outer narrow end, as shown in Fig. 1. The inner spiral part of the mouth-piece prevents any tobacco from passing through the narrow interior opening, and absorbs also the nicotine-containing tobacco-juice.

The tapering end of the mouth-piece is conveniently taken hold of by the mouth, while the whole is strong enough to resist the moisture without breaking or giving way.

The wrapper B is fastened to the mouth-piece, and rounded spirally on a molding-stick or piece of wood, shape being cut in a thin strip from tobacco-paper, in which tobacco-fibers are admixed with the pulp. The molding-stick is withdrawn, and the wrapper filled with tobacco by hand or machine, the ends of the wrapper being folded down over the tobacco and perforated, to allow the ready lighting of the cigarette. The wrapper incloses the tobacco in the same manner as the wrapper of a common cigar, and allows the more compact filling, and the entire smoking of the cigarette to the end.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

A mouth-piece, A, for cigarettes, made from a strip or blank of spirally-wound paper, to form a central smoke-passage, C, decreasing in diameter from the tip toward the rear or butt end, as and for the purpose stated.

DIEDRICH MARQUIS.

Witnesses:

PAUL GOEPEL,  
T. B. MOSHER.