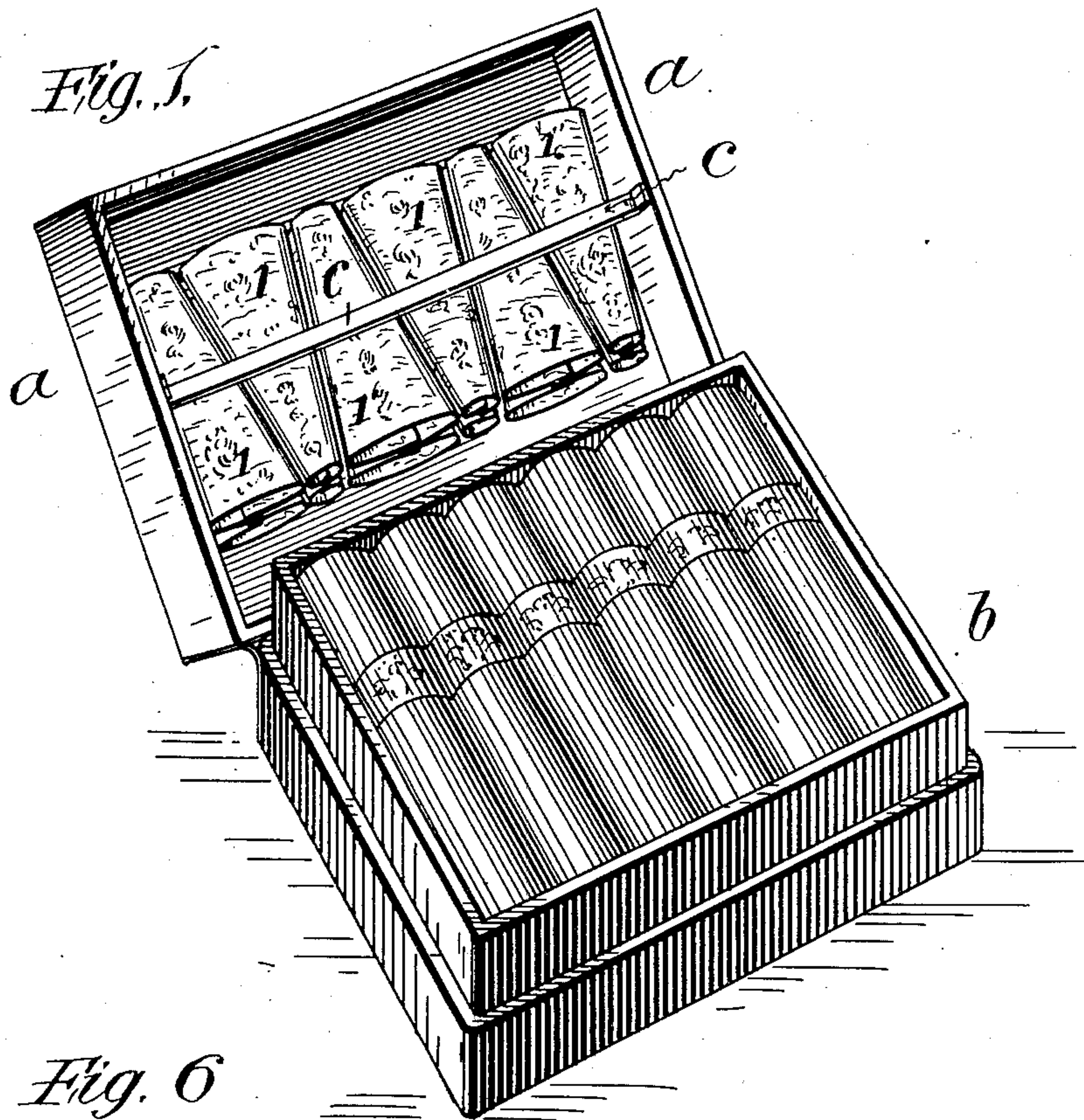


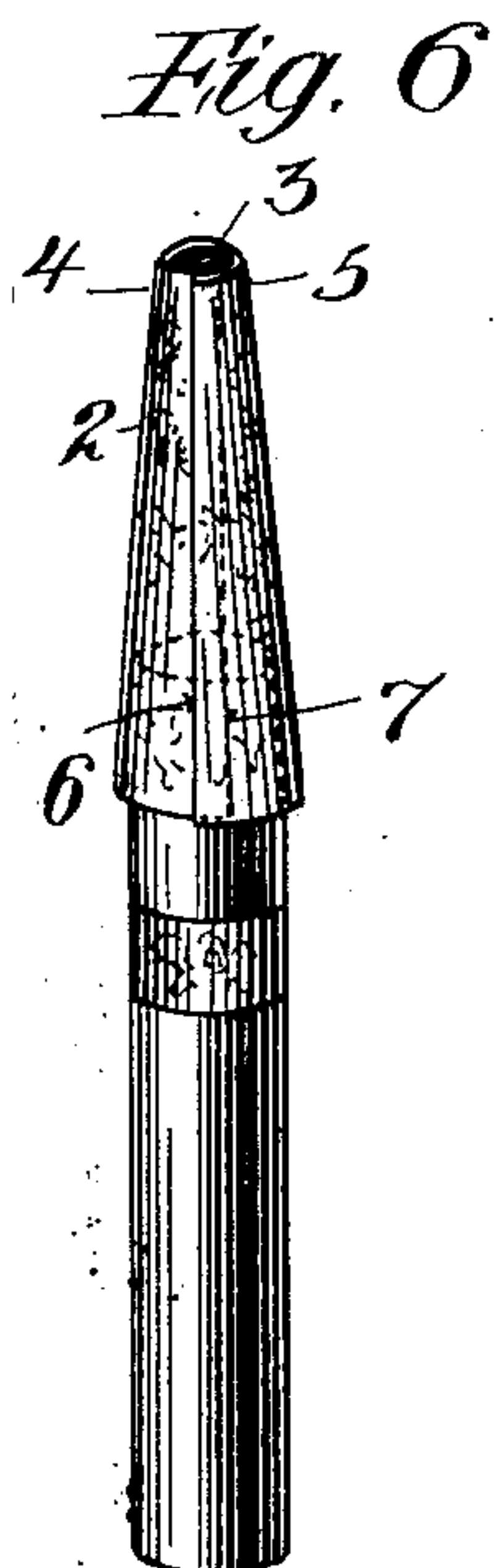
C. A. DRUCKLIEB.  
DETACHABLE AND COLLAPSIBLE TIP FOR CIGARETTES.  
APPLICATION FILED MAR. 14, 1908.

931,582.

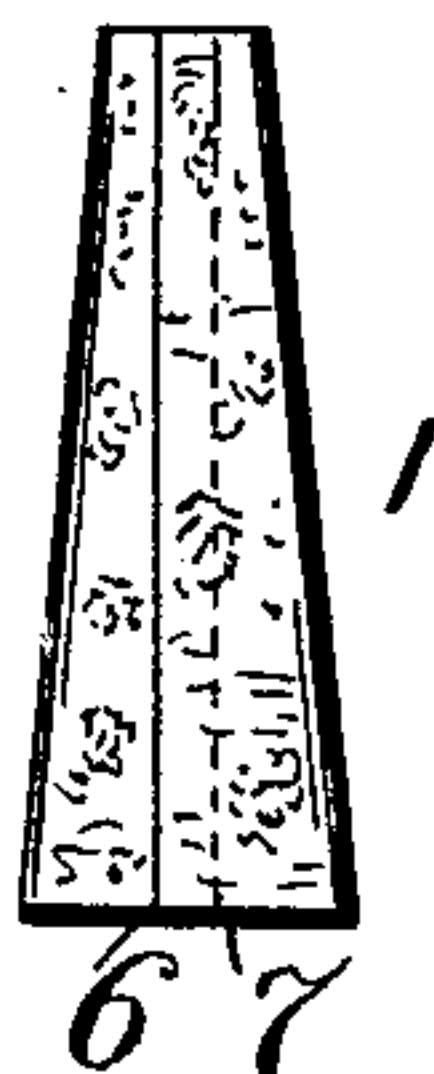
Patented Aug. 17, 1909.



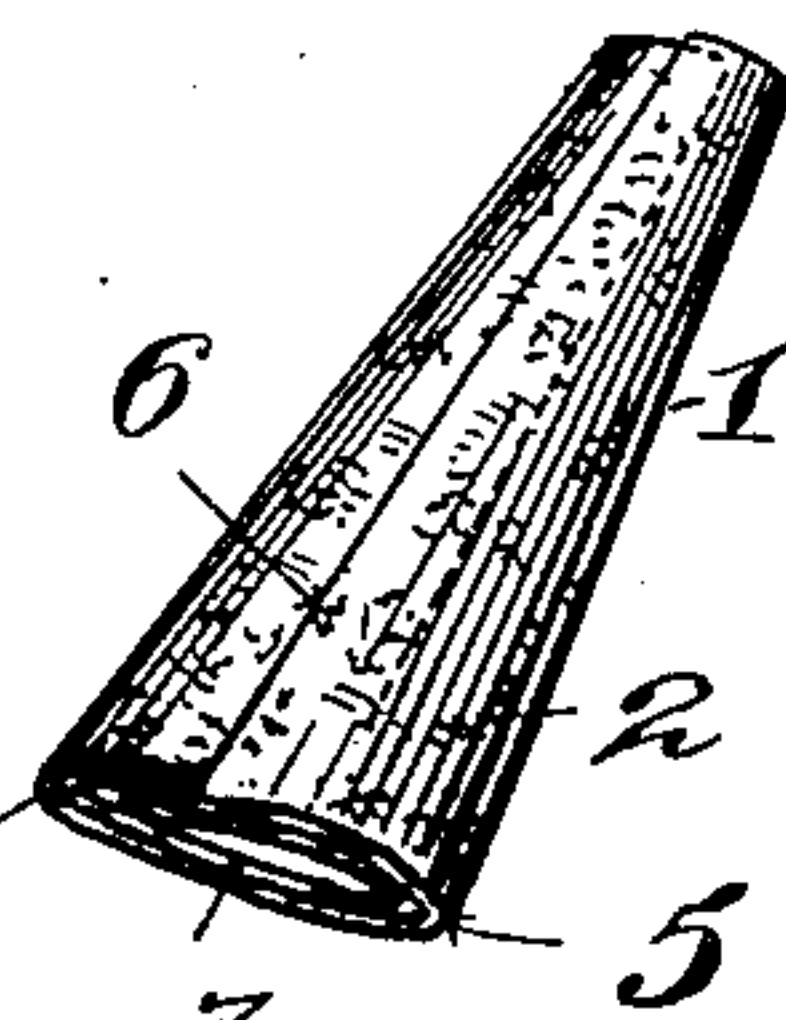
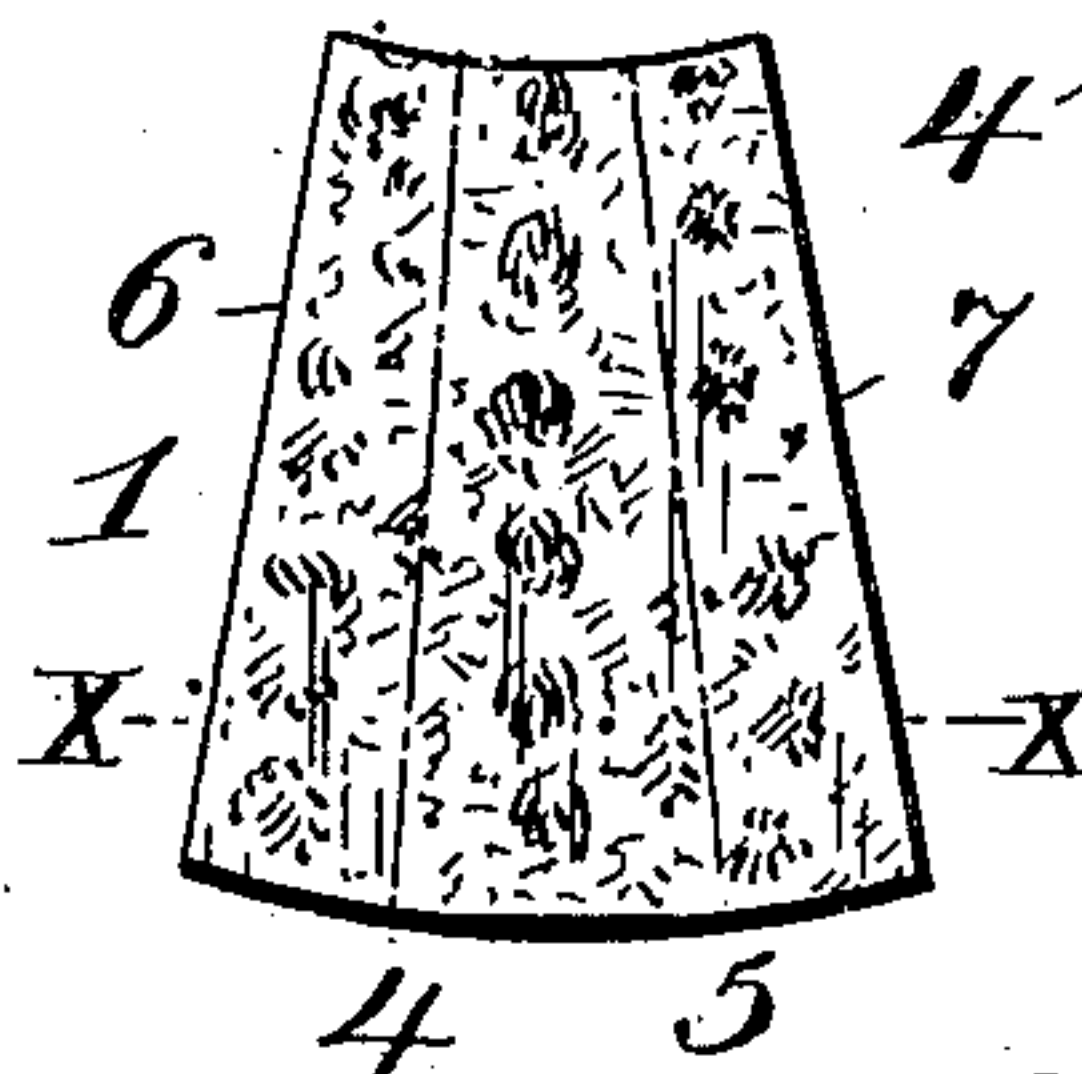
*Fig. 2.*



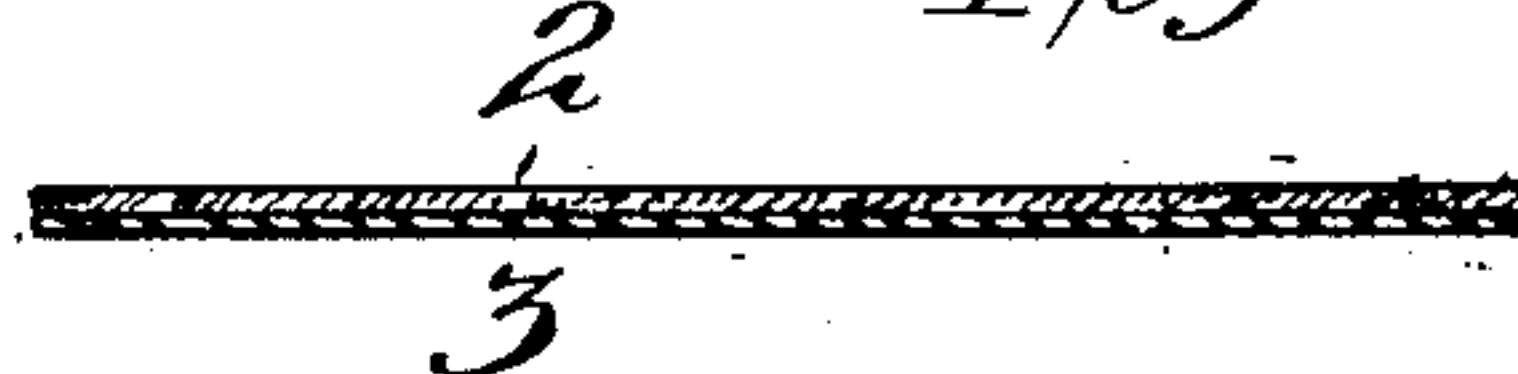
*Fig. 4.*



*Fig. 3.*



*Fig. 5.*



Witnesses:  
C. M. Benjamin  
H. M. Munn

Inventor  
Charles A. Drucklieb.  
By his Attorney  
Joseph H. Lee



# UNITED STATES PATENT OFFICE.

CHARLES A. DRUCKLIEB, OF GRIMES HILL, STATEN ISLAND, NEW YORK.

## DETACHABLE AND COLLAPSIBLE TIP FOR CIGARETTES.

No. 931,582.

Specification of Letters Patent.

Patented Aug. 17, 1909.

Application filed March 14, 1908. Serial No. 421,035.

*To all whom it may concern:*

Be it known that I, CHARLES A. DRUCKLIEB, a citizen of the United States, residing at Grimes Hill, Staten Island, New York, have invented certain new and useful Improvements in Detachable and Collapsible Tips for Cigarettes, of which the following is a specification.

Tips or mouthpieces for cigarettes have been almost invariably applied as a constituent part of the cigarette. They have consisted of strips of various materials, including cork, paper and the like secured to and forming a permanent part of the cigarette.

15 Holders for cigarettes and the like have been made of various materials and shapes, some cylindrical, others conical. In all such cases the holder has been made of such stiff and rigid material as to permanently hold its shape and has been comparatively large and bulky and not collapsible. My invention is not to be included in the latter class of devices employed for holding cigarettes or cigars, but is a mouthpiece or tip therefor, 25 pure and simple.

My mouthpieces are so constructed that they may be packed in quantities, corresponding in number, preferably, to the number of cigarettes in the box, and held therein in a collapsible condition so that they may occupy comparatively little space in the box, and may be used each one singly and individually for a cigarette and thrown away when the smoker is finished with the cigarette. 35 I so construct the tips that they will take the shape of an elongated cone so that they may be packed in reverse position in the cigarette box.

My invention consists in the article of manufacture and other details of improvement hereinafter described and further pointed out in the claims.

In the drawings forming part of the specification Figure 1 is a perspective view showing 45 a box of cigarettes, and tips held in the cover of the box. Fig. 2 is a perspective view of the tip collapsed. Fig. 3 is a plan view of the tip opened up. Fig. 4 is a plan view of the complete tip. Fig. 5 is an enlarged sectional elevation on the line  $x-x$ , Fig. 3, showing the preferred form of the construction of material of which the tip may be made. Fig. 6 is a perspective view diagrammatically illustrating the use of the tip.

55 First describing the construction of the tip. It may be made of any suitable mate-

rial, but I prefer that the blank 1 of which the tip is to be made be composed of an outer layer of thin cork 2 and an inner layer 3 of paper or other material to which the cork strip is permanently secured by an adhesive material. In order to give the tip the conoidal contour, it is cut in the shape shown in Fig. 3. In order to insure that the tip may be collapsed, I preferably, either by scoring, 65 indenting, bending, or in any other desired way, form two "bending-lines" 4—5 (Fig. 3) on the inside of the tips. The blank is then preferably placed over a former and the edges 6—7 overlapped, as shown at Fig. 4, 70 and permanently secured together by adhesive material. The tip thus formed has a tendency to collapse at very light pressure, or is substantially collapsed. To use the same, the tip may be taken between the fin- 75 gers and pressed on the "bending-lines" when it will open, and assume its substantially tubular form, and then the cigarette may be inserted as shown in Fig. 6.

It is clear that when the user is finished 80 with the cigarette, it and the tip can be thrown away.

The capacity for collapsing the conoidal or conical tip is such as to allow of a quantity of them being packed in an unobstructive 85 manner in the box containing the cigarettes.

In Fig. 1 a series of tips are shown placed within the cover  $a$  of the box  $b$ . To illustrate the use of the tips in this connection, the box is shown containing 12 cigarettes and 90 the cover 12 individual tips. As shown, two tips in a collapsed condition are laid over each other and each series of cigarettes abut edge to edge in a reverse position so that their conical or pyramidal form can be 95 availed of to fit into a rectangular space. At  $C$  is a strip of paper or the like, both ends of which are secured to the sides of the lid of the box, holding the tips confined in position therein. Instead of confining the tips within 100 the lid of the box they may be packed in any other suitable way within the box.

Having described my invention, I claim:

1. As an improved article of manufacture, an attachable and detachable tip for ciga- 105 rettes and the like, the same being of conical form, collapsible upon itself in the direction of its length and having oppositely disposed bending lines adapted by pressure thereon to cause the tip to open and assume its con- 110 ical form and to snugly embrace a cigarette.
2. As an improved article of manufacture,



the cigarette tip herein described comprising a plurality of layers of material disposed in conical form and having opposed bending lines permitting it to be collapsed upon  
5 itself and by pressure on said bending lines to open and assume its tubular conical form with a tendency to close and firmly grip the end of a cigarette.

3. As a commercial package, a box comprising a main body and a cover, cigarettes  
10 in the main body, a series of tubular conical tips for said cigarettes inversely packed together in collapsed form within the cover, and means for holding the tips in position  
15 and in their collapsed form.

4. As a commercial package, a box comprising a cover and a main body, cigarettes in the main body, a series of flattened, tubular, and conical tips for said cigarettes inversely packed within the cover, and a strip  
20 extending from the flanges of the cover for retaining said tips in place and out of contact with said cigarettes.

Signed at the city, county and State of New York, this 13th day of March, 1908.

CHARLES A. DRUCKLIEB.

Witnesses:

CHARLES W. BENJAMIN,  
GUS I. ARMOW.