

July 14, 1925.

1,546,320

M. H. SIMMONS

CIGARETTE ROLLER

Original Filed Feb. 1, 1921

Fig. 1.

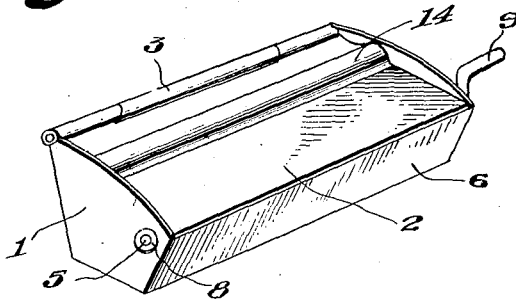


Fig. 2.

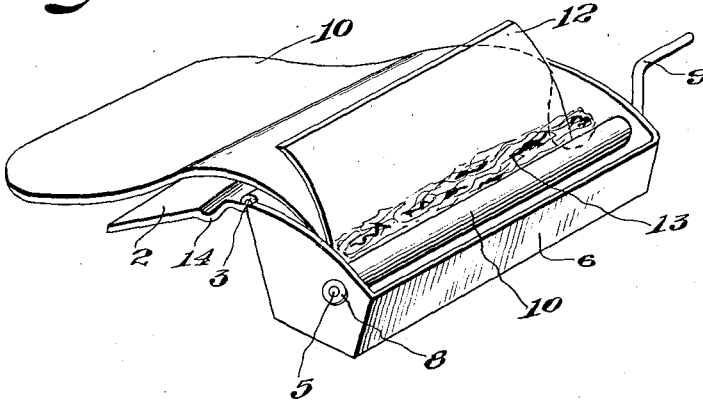


Fig. 3.

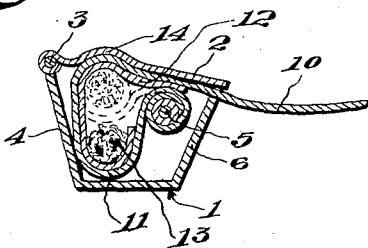
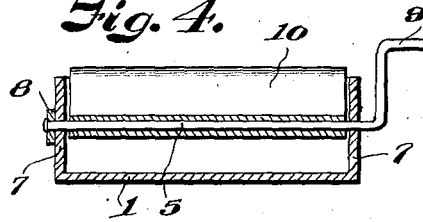


Fig. 4.



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UNITED STATES PATENT OFFICE.

MARION H. SIMMONS, OF CHICAGO, ILLINOIS.

CIGARETTE ROLLER.

Application filed February 1, 1921, Serial No. 441,662. Renewed April 21, 1925.

To all whom it may concern:

Be it known that I, MARION H. SIMMONS, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Cigarette Rollers, of which the following is a specification.

This invention relates to cigarette rollers and an object of the invention is to provide a device for mechanically forming cigarettes which is simple in construction and compact so that it may be conveniently carried in the pocket of the user, and one which, owing to its simplicity, may be manufactured to retail at an attractive cost.

Another object of this invention is to provide a cigarette roller or former which includes a flexible forming member connected to a rotary rod and adapted to be shaped to provide a tobacco receiving pocket and to receive the paper of the cigarette so that when the flexible forming member is rolled upon its carrying rod the cigarette will be evenly and uniformly rolled, and further to provide a device of this nature which, upon the winding of the flexible member, will raise the cigarette in a position to be conveniently taken from the roller by the user.

Other objects of the invention will appear in the following detailed description and in the accompanying drawing wherein:

Fig. 1 is a perspective view of the improved cigarette roller.

Fig. 2 is a perspective view of the improved cigarette roller showing it in its initial position prior to forming a cigarette therein.

Fig. 3 is a cross section through the improved roller showing it in position to begin forming a cigarette and illustrating in dotted lines the manner of forming the cigarette.

Fig. 4 is a longitudinal section through the cigarette roller.

Referring more particularly to the drawings, the improved cigarette roller or former comprises a case 1 formed of any suitable material, preferably of sheet metal, and it has a cover 2 hingedly connected as shown at 3 to the rear relatively high, edge 4 of the case. A rod 5 extends longitudinally of the case near the forward short side 6 thereof and this rod projects through the end 7 of the case having a washer 8 upon one end outwardly of the end 7 of the case to prevent longitudinal movement of the rod 5.

A crank handle 9 is formed upon the opposite end of the rod for manually rotating it. A flexible former 10, formed of leather or analogous material is attached to the rod 5 between the end 7 of the case 1, in any suitable manner, and when forming a cigarette with the improvised device this flexible former 10 is pushed downwardly as shown at 11 in Fig. 3 of the drawing to form a tobacco receiving pocket after which a cigarette paper 12 of the ordinary type is placed against the outer surface of the former with its innermost edge adjacent to the tobacco indicated at 13 in the pocket 11. The cover 2 is then closed, folding the flexible former 10 over the pocket as shown in Fig. 3 of the drawing. When the rod 5 is rotated, by means of the crank handle 9, the winding of the flexible forming member 10 upon the rod 5 causes the pocket to decrease and move upwardly towards the cover as indicated in dotted lines in Fig. 3 of the drawing. The cover 2 is provided with longitudinally extending outstruck arcuate portion 14 to accommodate the tobacco and paper of which the cigarette is to be formed, during rolling operation. The winding of the flexible former 10 upon the rod 5 will roll the tobacco 13 and also roll the cigarette paper. Just before the outer edge of the paper 12 enters the case 1 it is moistened causing it to adhere to any part of the cigarette paper after the cigarette is completely formed. When the flexible former 10 is almost within the case 1 the cover 2 may be lifted and further rotation of the rod 5 and winding of the flexible former 10 thereon will move the formed cigarette upwardly out of the case into a position to be conveniently removed by the user.

From the foregoing description taken in connection with the accompanying drawing it will be apparent that a practical cigarette roller or former has been provided which is easy to operate and will uniformly roll cigarettes in a neat compact shape.

It is, of course, to be understood that the invention may be constructed in various other manners and the parts associated in different relations and, therefore, I do not desire to be limited in any manner except as set forth in the claim hereunto appended.

Having thus described my invention what I claim is:

In a cigarette former, a casing including end walls, a relatively high side wall upon

one side, a cover hinged to said side wall, a short side wall upon the other side of the casing, a rod extending longitudinally through the casing near the short side wall, 5 a crank handle on one end of the rod, a flexible former having one end attached to the rod and of a width equal to the width of the interior of the casing, a portion of said flexible former being looped to form a 10 receiving pocket, the free end of said former initially positioned over the short side wall with a portion of the former arranged over the pocket whereby turning movement of the rod will wind the former thereon causing the pocket to decrease in size and move 15 toward the cover and said cover having a longitudinally extending outstruck portion to accommodate the closed pocket during the forming of the cigarette.

In testimony whereof I affix my signature.

MARION H. SIMMONS.