

Our invention relates to improvements in cigarette making devices, and more particularly to devices for private or home use, and consists essentially of a body having a curved surface, in one end of which is a transverse groove, a strip of flexible film such as fabric for example, secured to each end of the said body, a pair of lateral arms connected by a cross-head and pivoted to said body at a point which is centre to the curved surface thereof, a roller journaled in said arms and travelling between said curved surface and flexible film.

The invention has for its object to provide a simple, inexpensive and efficient device for rolling cigarettes by the consumer. It is known that a great number of cigarette smokers prefer to roll their own cigarettes, chiefly from an economical standpoint, and that a great majority of the remainder would roll their own if it were possible to obtain a device for rolling them equally as well as the manufactured variety. It has accordingly been our aim to provide an economical device which will produce cigarettes equally as well made as those which are bought ready made.

These, together with other objects, may be attained by the construction, combination and arrangement of the parts as will be hereinafter more particularly described, illustrated in the accompanying drawing, and pointed out in the claims hereunto appended.

Referring to the drawing:

Figure 1 is a plan view of the device;

Figure 2 is a side elevation of the device showing the first step in the process of rolling a cigarette, i.e. the loose tobacco placed on the flexible film within the transverse groove;

Figure 3 is a side elevation of the device showing the next step, i.e. the tobacco being rolled into cigarette form and the placing of the paper under the roller;

Figure 4 is an enlarged detailed view of the step illustrated in Figure 3; and,

Figure 5 is a side elevation of the device showing the completed cigarette emitting from the flexible film.

Similar characters of reference refer to similar parts throughout the several views.

The invention comprises a body A having a rounded upper surface, which will be known as the working surface, and perpendicular sides as shown, and mounted ^{upon a suitable base B} adapted for placing upon a convenient flat surface, such as a table for example. This body has a large transverse groove 2 in the working surface at one end thereof which will be known as the starting end.

A film 3 of highly flexible material such as fabric, and preferably starched linen for example, is secured at its end parts to the ends of the body A preferably by means of suitable adhesive material for example. This flexible film is of corresponding width to the body A, which is substantially the same as the length of a standard cigarette, and is slightly longer than the working surface including the contour of the transverse groove 2.

Lateral arms 4 are pivoted on either side of the body A at a point which is exact centre to the rounded working surface, and are connected at their free ends by the cross-head 5 provided with an operating knob 6.

Journalled in the arms 4 in parallel relation with the working surface of the body A, is a roller 7 operating and disposed between the flexible film 3 and said working surface.

The operation of the device is as follows:

The arms 4 are brought to the starting end of the

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device as shown in Figure 1, when the flexible film 3 might assume a position say as shown in dotted lines in the same figure. This loose portion of the film is tucked tightly into the groove 2 and subsequently supplied with tobacco 8 of a quantity necessary for the filling of a normal cigarette, as also shown in Figure 2.

By grasping the handle or knob 6, the arms are brought forward, as in Figures 3 and 4, causing the film to encompass the roller 7 and subsequently the tobacco 8, the roller 7 acting to roll the tobacco into cylindrical form, it being retained within the limited confines of the portion of the film therearound.

The cigarette paper 9, the gummed portion of which first being moistened, is inserted between the opposed portions of the film as shown in Figure 3, and the arms 4 continued to be drawn forward, resulting in the wrapping of the tobacco and sealing the paper. The finished cigarette 10 is dropped from the film as shown in Figure 5.

Having now fully described our invention, what we claim and desire to secure by Letters Patent, is:

In a device of the class described, the combination with a base, of a body rigidly mounted thereon, and having a regularly curved working surface, and a transverse groove in one end of said working surface, said groove having rounded corners and extending inwardly towards the centre of said base, said body having a perpendicular end adjacent said groove and an inwardly inclined opposite end, lateral co-operating arms pivotally connected to said body at a point which is centre to the curvature of said working surface, a handle connecting said arms at their upper end parts, a flexible film secured at one end to the perpendicular end of said body and at its opposite end to the inwardly inclined end of said body, the intermediate portion of said film being disposed over said working surface and capable of being tucked into said groove and of receiving a quantity of tobacco in the tucked-in portion, a roller journalled in said arms in juxtaposition to said working surface and disposed between said working surface and said film, said film being adapted to weave itself around said roller and subsequently around said tobacco when said arms are swung toward the end of said body having the inwardly inclined end.

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Cigarette Rolling
Machine.

FIG 1

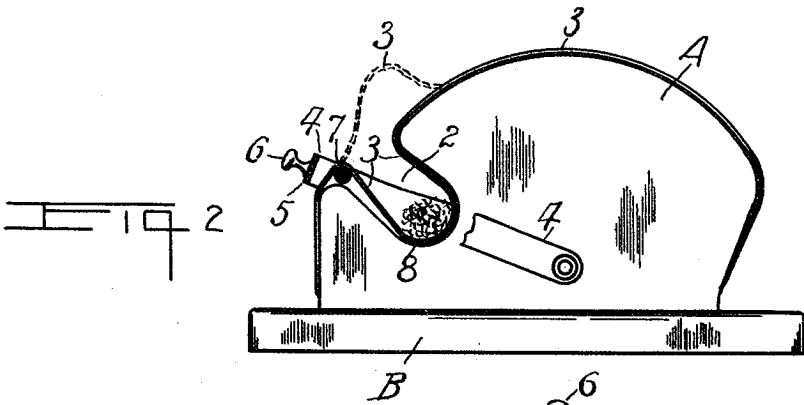
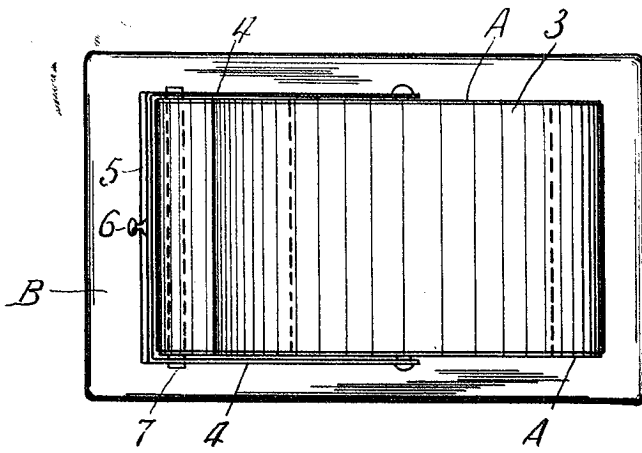


FIG 2

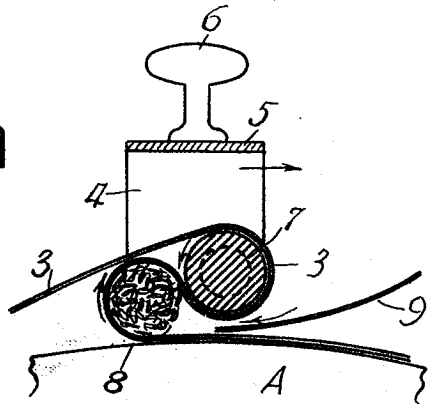


FIG 3

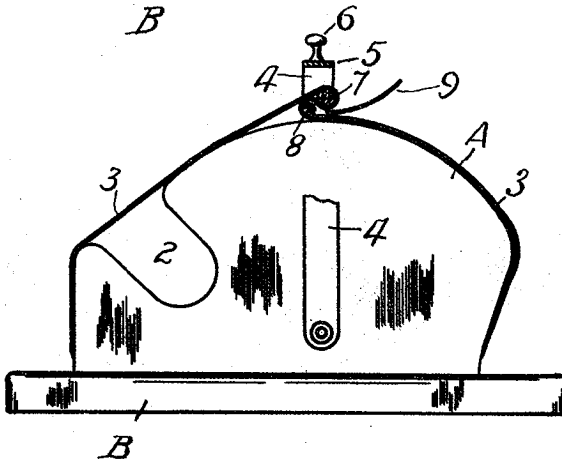


FIG 4

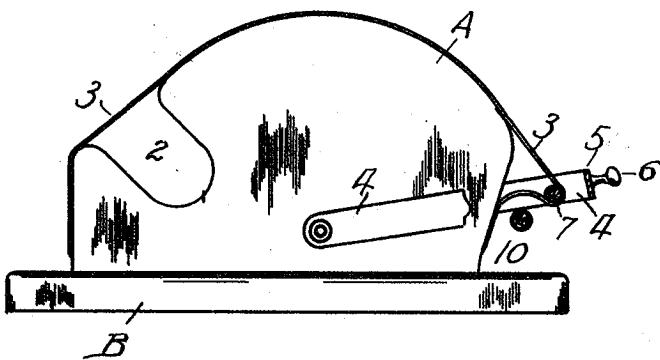


FIG 5

Certified to be the drawing referred to in the Specification hereunto annexed. Hamilton, Ontario, September 6, 1921.

WITNESSES:
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