(No Model.)

# H. ATKINS.

## CIGARETTE MACHINE.

No. 418,547. Patented Dec. 31, 1889.

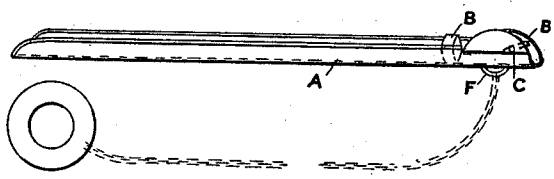



Fig. 1.

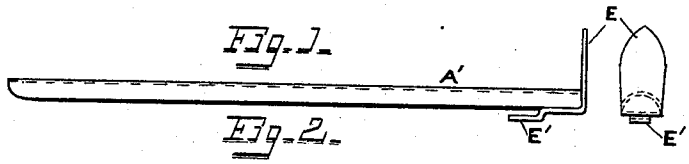



Fig. 2.

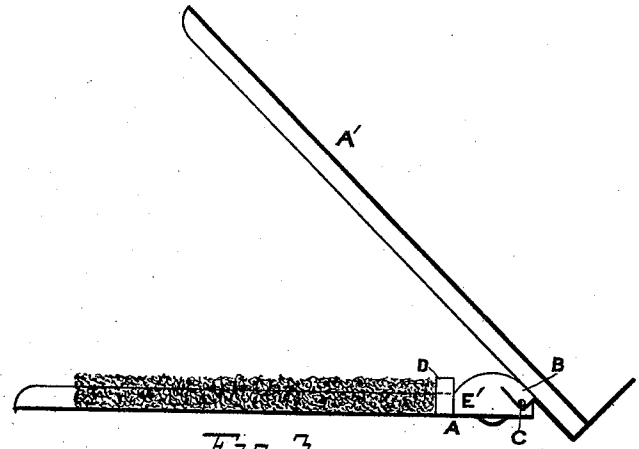



Fig. 3.

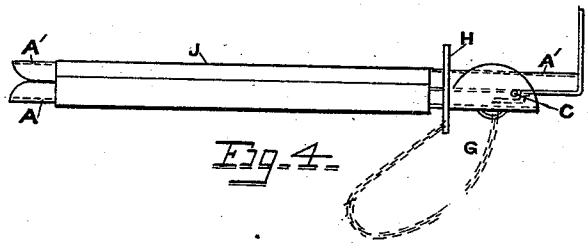



Fig. 4.

Witnesses:
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# UNITED STATES PATENT OFFICE.

HENRY ATKINS, OF STREATHAM, COUNTY OF SURREY, ENGLAND.

## CIGARETTE-MACHINE.

SPECIFICATION forming part of Letters Patent No. 418,547, dated December 31, 1889.

Application filed October 9, 1889. Serial No. 326,406. (No model.) Patented in England January 24, 1889, No. 1,337.

*To all whom it may concern:*

Be it known that I, HENRY ATKINS, a subject of the Queen of Great Britain and Ireland, residing at Streatham, in the county of Surrey, England, have invented a new and useful Cigarette-Machine, (for which I have obtained a patent in Great Britain, No. 1,337, bearing date January 24, 1889,) of which the following is a specification.

My invention relates to an improved hand-machine by means of which cigarettes may be made in a neat, simple, and expeditious manner, as will be hereinafter pointed out, reference being had to the accompanying drawings, in which like letters indicate similar parts throughout.

Figure 1 is a perspective elevation of the lower half of the machine. Fig. 2 is a side elevation with end view of the upper half of the machine. Fig. 3 is a sectional elevation showing the manner in which the upper half is applied to the lower half of the machine, and Fig. 4 shows the upper and lower halves of the machine closed together and a cigarette-paper in place thereon.

In this my invention I employ two halves A A′ of a cylinder, the lower one of which is formed at one end with flanges B, in which is secured a pin C. A small circular piece of metal or other material D is secured in the lower half of the cylinder, as shown in Figs. 1 and 3, and serves to retain the tobacco in place. The upper half A′ of the cylinder is fitted at one end with a piece of metal E, by means of which the upper half-cylinder A′ is manipulated, and the under part of which serves as a hook E′, adapted to engage the pin C, as shown in Fig. 3. By means of this said hook and pin a suitable hinge is formed, as will be understood by reference to Figs. 3 and 4. The lower half-cylinder A is formed at one end with a loop F, to which is secured a suitable chain G, carrying a ring H.

The manner in which my invention is operated is as follows: A sufficient quantity of tobacco is placed between the halves of the cylinder (see Fig. 3) and distributed along the lower half, (the piece of metal D preventing the tobacco coming in contact with the hinge,) and the two halves are closed, as shown in Fig. 4. The ring H is then passed along the machine to the position shown, and the shreds of tobacco at the edges are thereby removed. An ordinary gummed-edged cigarette-paper J is rolled around the machine and fastened down. If desired, however, cigarette-paper already formed into a tube may be passed over the cylinder, as shown in Fig. 4. The machine is then held in one hand and the upper half-cylinder is drawn out by means of the hooked piece of metal E. The lower half of the cylinder is then also withdrawn, and the cigarette is ready for use.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is—

A cigarette-machine consisting of two halves of a cylinder having the lower half fitted with a piece of metal D and a pin C and formed with a loop F, and the upper half fitted with a hooked piece of metal E, adapted to engage the pin C, and having the ring H, depending from a chain secured to the loop F, all substantially as and for the purposes hereinbefore set forth, and illustrated in the drawings hereunto annexed.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

HENRY ATKINS.

Witnesses:
REGINALD W. BARKER,
ERNEST V. BARKER.