June 9, 1931. E. F. M. DÉCOBERT 1,809,746

CONTAINER FOR CIGARETTES AND THE LIKE

Original Filed Aug. 22, 1928

Fig. 1.

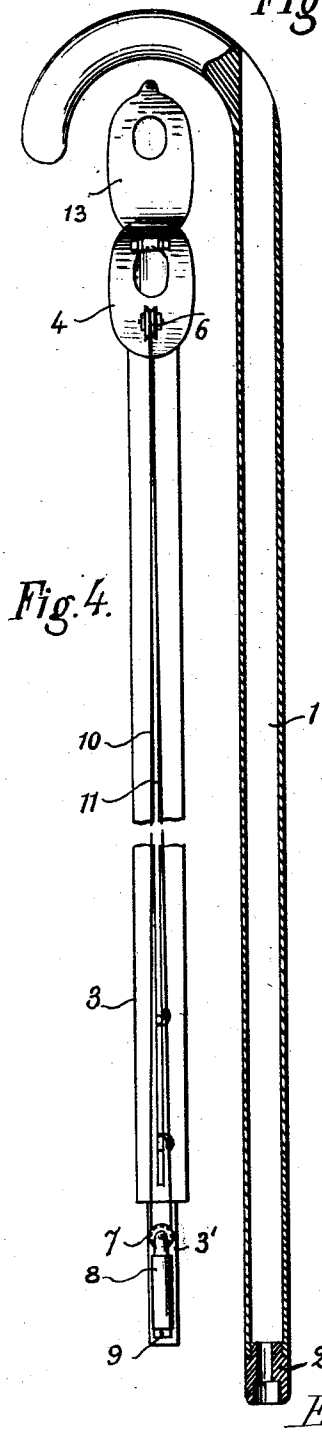

Fig. 2.

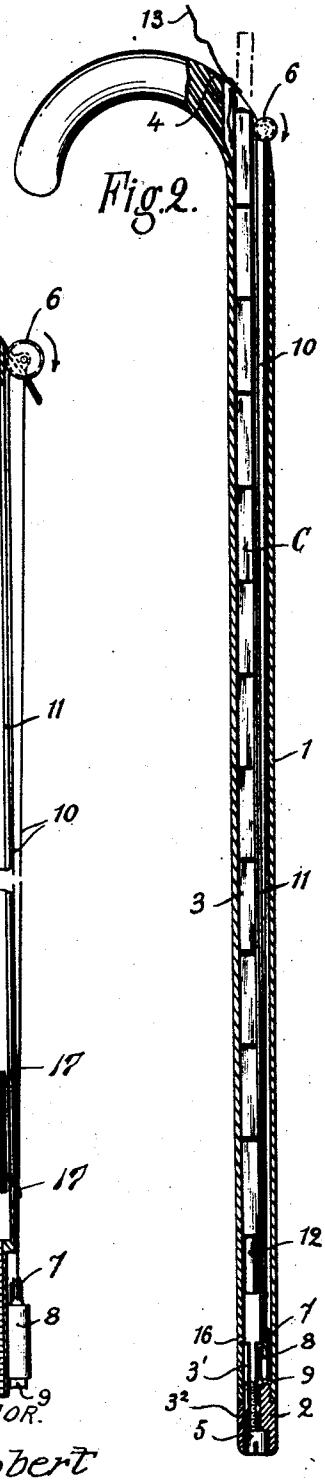

Fig. 3.

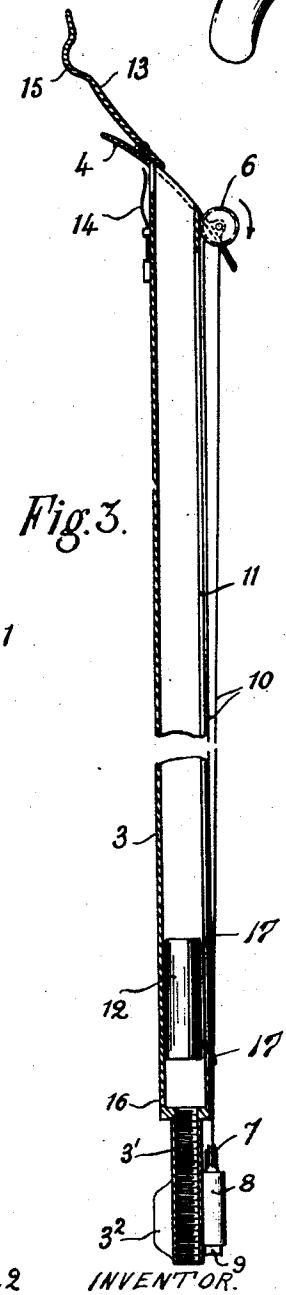

Fig. 4.

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UNITED STATES PATENT OFFICE

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CONTAINER FOR CIGARETTES AND THE LIKE

Application filed August 22, 1928, Serial No. 301,359, and in France May 26, 1928. Renewed April 25, 1931.

The invention comprises improvements in containers for cigarettes and the like.

According to the present invention a cigarette case is provided comprising a tube for receiving cigarettes, a support slidably accommodated within said tube and means associated with said support for traversing same within the tube and by said traversing motion effect ejection of the cigarettes singly from the tube.

Advantageously the tubular cigarette case may be accommodated within a hollow walking stick, umbrella stick or the like thereby constituting a combined walking stick or the like and cigarette case, means being provided at the top of the stick for transmitting traversing movement to the cigarette support so as to permit withdrawal of the cigarette without necessitating the tipping or reversal of the stick.

Referring to the accompanying drawings,

Figure 1 shows a vertical section of a stick hollowed out to receive the cigarette case with associated parts.

Figure 2 is also a section showing the same stick fitted with a device in accordance with this invention.

Figure 3 is a vertical section showing the cigarette container with ejecting mechanism removed from the stick.

Figure 4 is a side elevation of Figure 3.

In one construction of the device as shown in Figures 1 to 4 the walking stick 1 is made hollow in its full length as far as the tip 2, and a tube or casing 3, forming the cigarette case, is then inserted within the hollow stick. This tube is fixed to the top part of the stick by means of a plate 4 which fits on the handle, and at the lower part by means of a screw with long cylindrical head sunk in the tip 2, which for this purpose may be made of horn, galalith or the like.

The screw 5 is screwed into a contracted part 3^1 of the tube 3 and to avoid twisting this tube, whilst tightening the screw 5, there is a stud 3^2 in the tip to keep the tube fixed.

There is a little pulley 6 at the entrance of the tube and at the lower end another pulley or roller 7 mounted on a casing 8 and fastened with a screw 9 which acts as a tightener for an endless tie 10 passing over the two pulleys.

This tie may be in form of a wire, piano string or anything suitable.

Within the tube 3 is a cigarette support 12 which is suitably connected to the endless tie 10 by one or more elements 17 passing through a slot 11 extending practically the full length of tube 3, said support 12 also acting as a cigarette elevator by sliding up in the tube when the pulley 6 is rubbed with the finger in the direction of the arrow.

The working of this device can now be understood.

The cigarettes C are put into the tube at the top, one by one, and the support 12 lowered by turning the pulley 6 in the opposite direction to that of the arrow.

As many as twelve cigarettes can be carried in a stick of ordinary length.

When the stick is filled, the plate 13 is turned down to close the tube and forms an ornament on the stick. This plate has a spring 14 and a recess 15 to accommodate the pulley 6.

To take out a cigarette the plate 13 is raised, the pulley 6 is turned with the finger, and the tie 10 being traversed lifts the support 12 and the cigarettes. After a few turns the cigarettes at the top of the case can be easily removed thus all the cigarettes can be withdrawn whether the stick be in a vertical, horizontal or slanting position.

To prevent accumulation of tobacco dust on the bottom of the tube and interference with movements of the support 12, one or more oblique orifices 16 can be made in the lower end of the tube 3, for the dust to fall through of its own accord, similar orifices being made in the thickness of the stick registering with those in the tube.

The devices of the invention are suitable for all kinds of walking sticks as also umbrella sticks.

Without departing from the scope of the invention, the essential part of invention viz; the cigarette case with its lifting system might also eventually be used with any kind of tubular case.

These cases, consisting simply of a piece of

tube, could be put in a convenient place, for example on a motor car, as a fixture or not, near the driver's seat, or any other convenient position in the car.

Such cases could also be placed anywhere on the wall of a room, billiard or gaming saloon, on certain pieces of furniture, gaming tables, bureaus and the like.

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:—

1. A cigarette case comprising a tube adapted to accommodate cigarettes arranged endwise, a sliding member supporting said cigarettes within the tube, a wire exterior to the tube connected with said sliding member and means associated with said wire for imparting sliding motion to said supporting member and ejecting the cigarettes singly from one end of the tube.

2. A cigarette case embodying a tube closed at one end and open at the other end and having a slot extending practically the whole length of said tube, a sliding member in said tube, a part projecting from said sliding member through the slot to the exterior of the tube, a pulley at each end of the tube, an endless wire connected to said part projecting from the tube, and said endless member passing over said pulley, so that rotation imparted to one of said pulleys transmits traversing motion to the sliding member within the tube and effects ejection or withdrawal of cigarettes from the open end of said tube.

In witness whereof I affix my signature.

EDOUARD FRANÇOIS MICHEL DÉCOBERT.