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H. H. HITE

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CIGARETTE LIGHTER AND HOLDER

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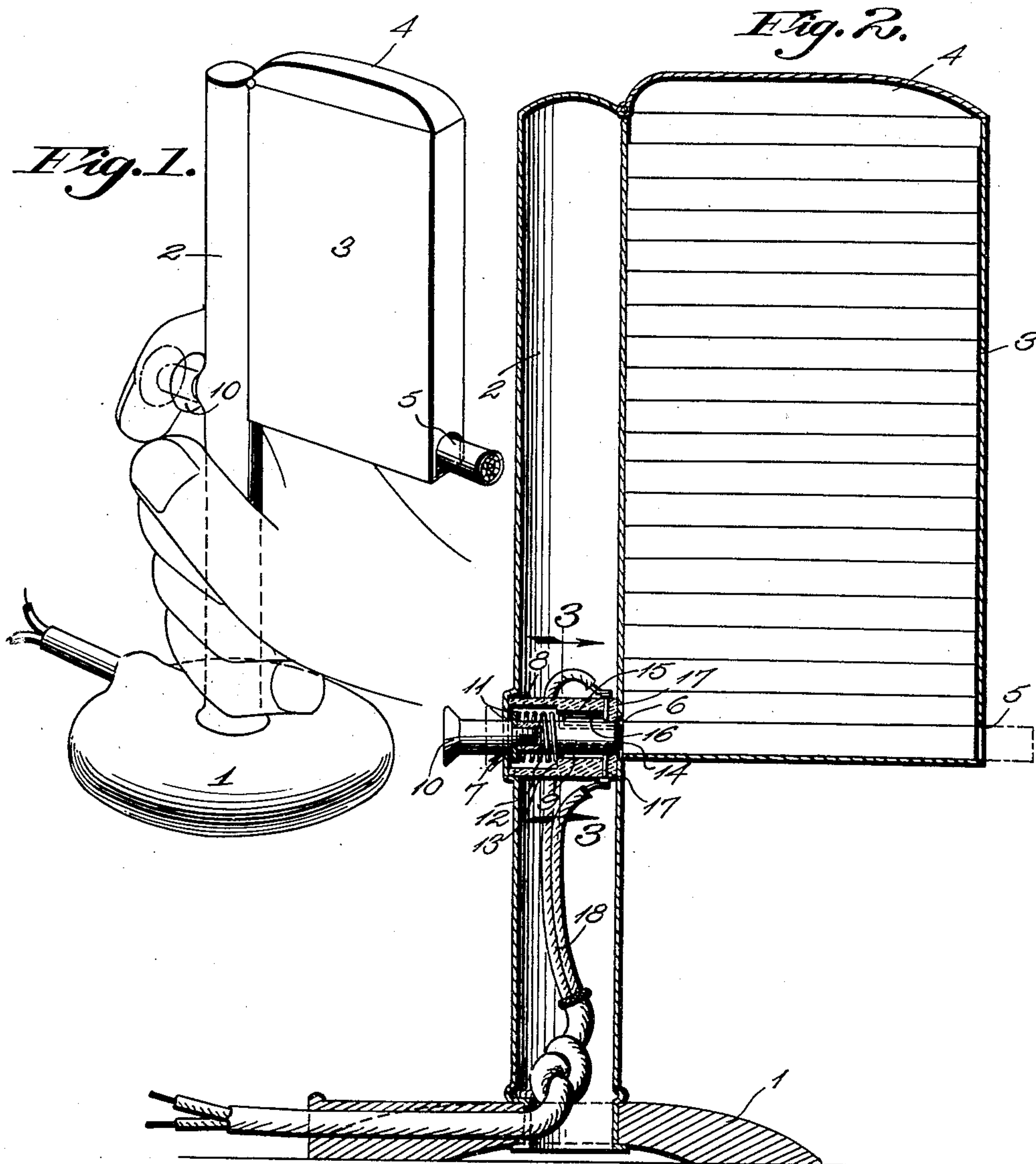
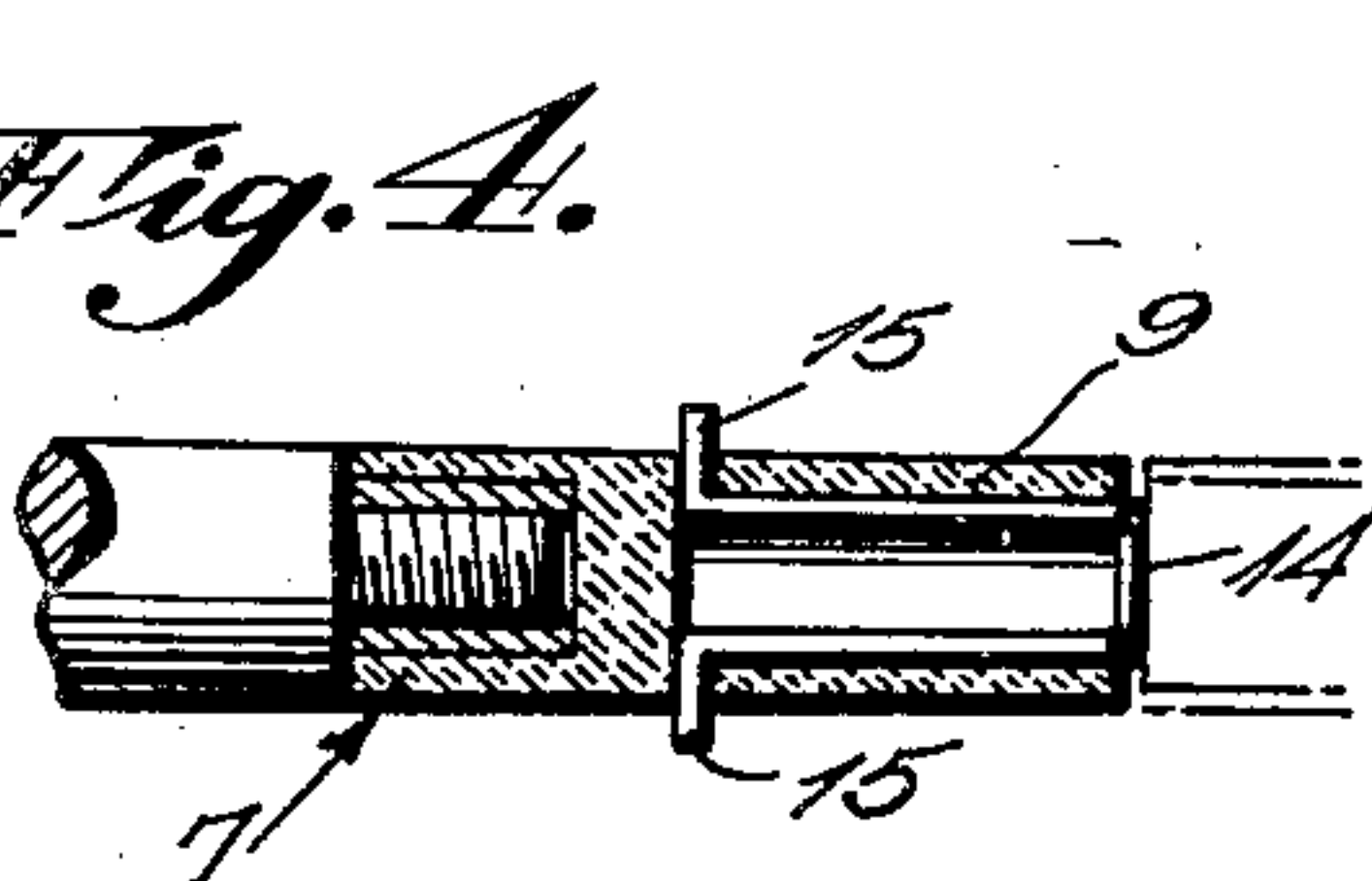


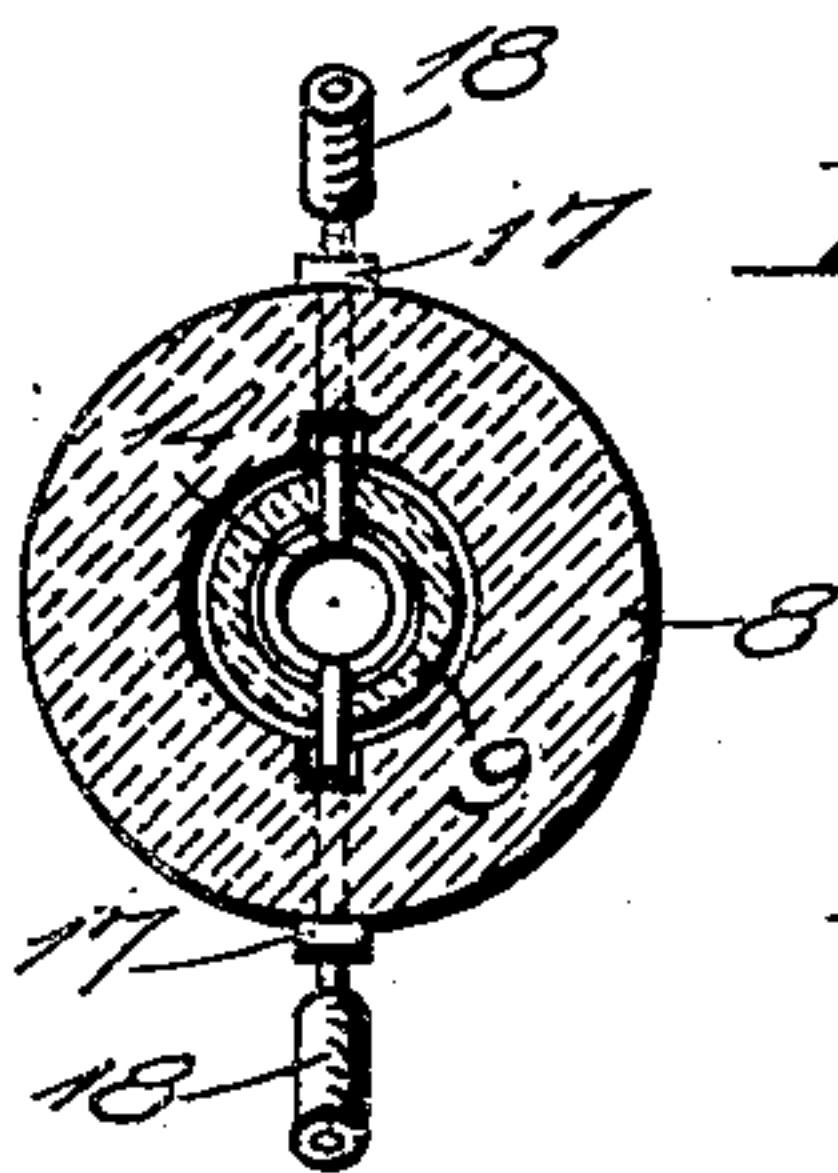
Fig. 4.



R. E. Wise.

WITNESS

Fig. 3.



Harold H. Hite

INVENTOR

BY Victor J. Evans & Co.

ATTORNEY



## UNITED STATES PATENT OFFICE

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## CIGARETTE LIGHTER AND HOLDER

Harold H. Hite, Pataskala, Ohio

Application March 16, 1936, Serial No. 69,231

Renewed November 30, 1937

2 Claims. (Cl. 312—47)

This invention relates to combined cigarette containers and lighters, and has for the primary object the provision of a simple and practical portable device to be used on a table, stand or desk and which will accommodate a supply of cigarettes and may be easily actuated to partially eject a cigarette therefrom so that it may be received by the lips of a smoker and simultaneously ignite the cigarette thereby eliminating the use of matches or a separate lighter from a cigarette container.

With these and other objects in view, this invention consists in certain novel features of construction, combination and arrangement of parts to be hereinafter more fully described and claimed.

For a complete understanding of my invention, reference is to be had to the following description and accompanying drawing, in which

Figure 1 is a perspective view illustrating a combined cigarette container and lighter constructed in accordance with my invention.

Figure 2 is a vertical sectional view illustrating the same.

Figure 3 is a sectional view taken on the line 3—3 of Figure 2.

Figure 4 is a fragmentary sectional view showing a combined ejector and igniter.

Referring in detail to the drawing, the numeral 1 indicates a base having secured thereto a vertically arranged hollow support or post 2 to which is secured a container 3 adapted to receive a number of cigarettes in superimposed relation. The upper end of the container is closed by a hinged cover 4. One of the vertical walls of the container, adjacent the bottom wall, is provided with an opening 5 through which the lowermost cigarette in the container may be ejected. The container extends part-way down the post 2 with its bottom wall spaced a desired distance from the base 1 so that a person's hand may readily grasp the lower portion of the post permitting the device to be readily lifted from one place to another or to be lifted off of a desk or like support and position the opening 5 opposite the mouth of a person.

The container 3 has an opening 6 opposite the opening 5 and places the container in communication with the interior of the post so that a combined ejecting and igniting means 7 may engage with the lowermost cigarette for partially ejecting the cigarette from the container by way of the opening 5, as shown in dotted lines in Figure 2.

The means 7 consists of a hollow mounting 8

of insulating material suitably mounted in the post and in alignment with the opening 6 and has slidably mounted therein a plunger 9 also constructed of insulating material to which is detachably secured a finger piece 10 extending exteriorly of the post. Clamped between the plunger 9 and the finger piece 10 is a spring seat 11 to be engaged by one end of a coil spring 12, the other end of the spring seats against a shoulder 13 formed in the mounting. The end of the plunger 9 carries an electric filament 14, the terminals of which are indicated by the character 15. The terminals project into grooves 16 formed in the mounting 8. Contacts 17 are secured to the mounting 8 and project into the grooves 16 and have connected thereto electrical feed conductors 18. The conductors 18 extend downwardly in the post and through a passage formed in the base and may be plugged into an electrical output of a conventional character. The spring 12 normally positions the plunger 9 so that the terminals 15 are spaced from the contacts 17, breaking the electric circuit and also arranging the plunger entirely within the mounting.

The diameter of the plunger 9 is approximately the diameter of a cigarette and the heating coil or electric filament 14 in circumference is slightly smaller than the diameter of the plunger.

In operation, a person grasps the post, as shown in Figure 1, and applies pressure on the finger piece 10 with the index finger causing a sliding movement of the plunger 9 which will partially eject the lowermost cigarette from the container by way of the opening 5. As the plunger ejects the cigarette the terminals 15 engage the contacts 17, completing the electric circuit so that the filament 14 will become hot and being in contact with the partially ejected cigarette, the latter may be readily lighted by the person drawing on the exposed end of the cigarette. After the lighting of the cigarette the latter may be easily withdrawn entirely from the container and smoked as usual.

Having described the invention, I claim:

1. A combined portable cigarette lighter and container comprising a base, a hollow post carried by said base, a container mounted on said post and having an opening communicating with the interior of the post and provided with a discharge opening opposite the first opening, a mounting located in the post and having a chamber aligning with the first opening, a spring-pressed plunger operating in said chamber, a finger piece secured to the plunger for moving

the latter through the first opening to eject a cigarette partially from the container by way of the discharge opening, and electrical means for igniting the cigarette during its ejection.

- 5 2. A combined portable cigarette lighter and container comprising a base, a hollow post carried by said base, a container mounted on said post and having an opening communicating with the interior of the post and provided with a discharge opening opposite the first opening, a  
10 mounting located in the post and having a chamber aligning with the first opening, a spring-

pressed plunger operating in said chamber, a finger piece secured to the plunger for moving the latter through the first opening to eject a cigarette partially from the container by way of the discharge opening, an electric filament carried by the plunger to engage the cigarette during the ejection thereof, terminals for said filament, electric contacts carried by the mounting to be engaged by the terminals on the plunger moving into full ejecting position, and means  
10 connecting the contacts to an electric output.

HAROLD H. HITE.