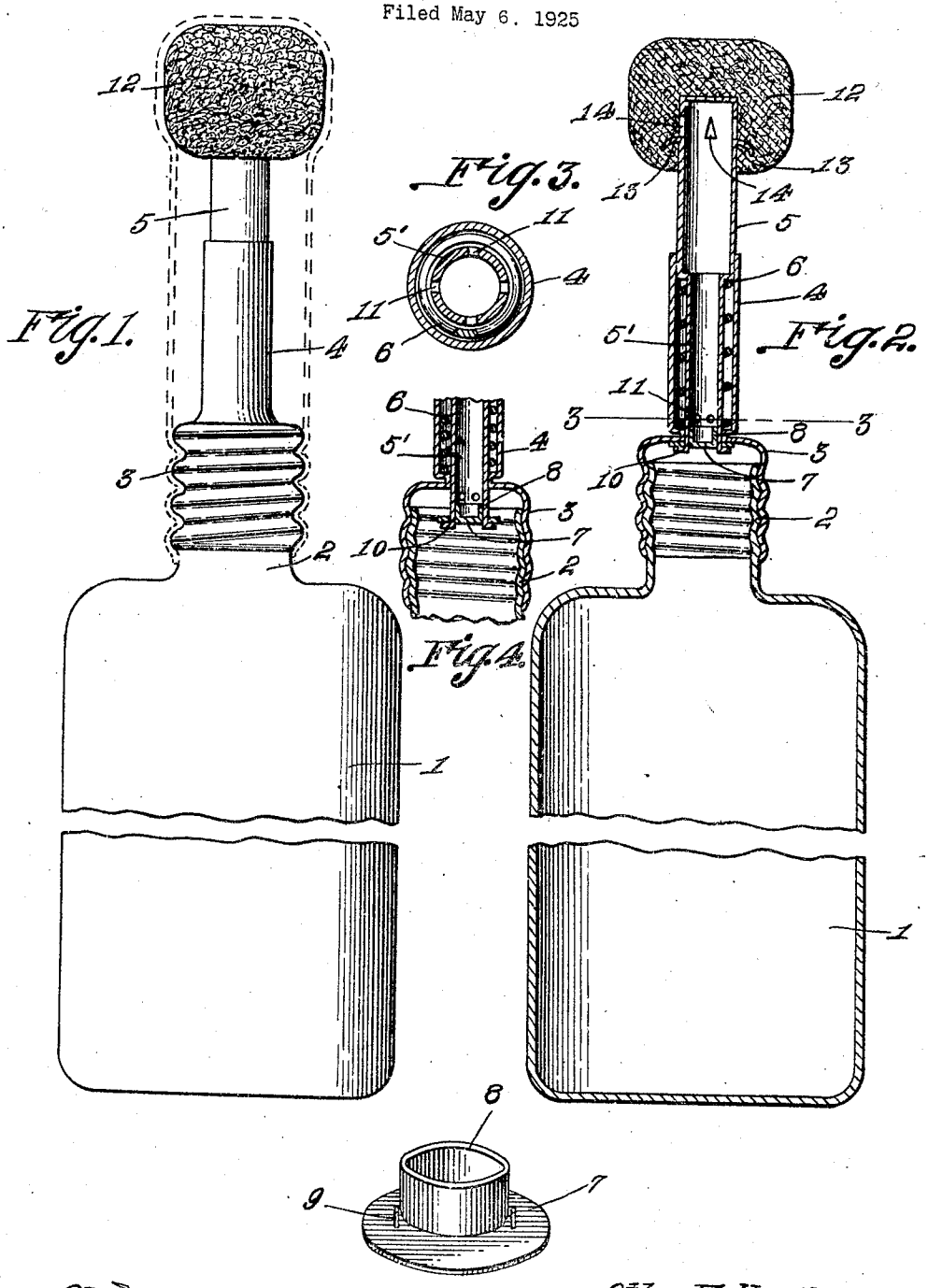
Feb. 23, 1926. 1,574,626

O. E. HACKMAN

POLISH APPLYING DEVICE

Filed May 6, 1925



Leo Hayes

WITNESS:

Otto E. Hackman

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UNITED STATES PATENT OFFICE.

OTTO E. HACKMAN, OF FORT WAYNE, INDIANA.

POLISH-APPLYING DEVICE.

Application filed May 6, 1925. Serial No. 28,468.

To all whom it may concern:

Be it known that I, OTTO E. HACKMAN, a citizen of the United States, residing at Fort Wayne, in the county of Allen and State of Indiana, have invented new and useful Improvements in Polish-Applying Devices, of which the following is a specification.

This invention relates to a device for applying polish to shoes and the like, the general object of the invention being to provide a container for the polish having a swab combined therewith with means for supplying the polish to the swab by a tube and means for permitting the polish to flow through the tube by placing pressure upon the swab.

Another object of the invention is to provide spring means for normally closing communication between the tube and the interior of the container.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawings and specifically pointed out in the appended claim.

In describing my invention in detail, reference will be had to the accompanying drawings wherein like characters denote like or corresponding parts throughout the several views, and in which:—

Figure 1 is a side view of the complete device.

Figure 2 is a longitudinal sectional view.

Figure 3 is a section on line 3—3 of Figure 2.

Figure 4 is a detail sectional view showing the valve in open position.

Figure 5 is a view of a portion of the valve means.

In these views, 1 indicates the container of the polish or other material which is provided with a threaded mouth 2 and 3 indicates a threaded cap for closing the mouth. This cap is provided with a tubular extension 4 in which is slidably mounted a portion of a tube 5, the lower portion of which is of reduced thickness, as shown at 5′ so that a shoulder is formed between the two parts of the tube. A coil spring 6 is placed on the reduced part 5′ and lies within the extension 4 and bears against the shoulder and against the reduced lower end of the extension. This spring tends to hold the tube in its upper position. A cap 7 is adapted to close the lower end of the tube 5 and said cap member has a flange 8 thereon which extends within the tube and it has slots 9 therein which receive ears 10 on the tube, these ears being bent to hold the cap member in position. Holes 11 are formed in the lower end of the tube, immediately above the cap member, so that when the tube is forced downwardly the parts carrying the holes will enter the cap 3 so that some of the contents of the container, when the same is inserted, can pass into the tube through said holes. The spring 6 normally holds the parts in raised position with the cap member preventing the escape of the contents into the tube. A swab 12 is connected with the outer end of the tube, preferably by the tongues 13 on the tube which are formed by cutting the metal and bending it outwardly which leaves spaces 14 through which the polish can pass into the swab from the tube.

From the foregoing it will be seen that the spring will normally hold the parts in closed position so that the polish cannot escape from the container. However, when the device is to be used the container is partly inverted and then by pressing upon the object to receive the polish by the swab the tube will be forced inwardly so that the perforated part will pass within the container and thus some of the contents will pass through the holes 11 into the tube and will flow into the swab through the holes 14 so that said swab is saturated. Thus the device can be used to spread on shoes and other objects polish and the like and at the same time the flow of polish can be controlled by the pressure with which the swab is pressed against the object.

It is thought from the foregoing description that the advantages and novel features of my invention will be readily apparent.

I desire it to be understood that I may make changes in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claim. For instance, the device can be provided with a cap 15 for enclosing the swab when the same is not being used. This cap is shown in dotted lines.

What I claim is:—

A polish applying device, comprising a container, a cap for closing the same, a

tubular extension on the cap, a tubular member having a portion passing through the extension and through a hole in the cap, the lower part of the member being reduced to form a space between itself and the extension, a coiled spring in said space bearing against the shoulder formed between the reduced part and the large part of the member for holding the member in its outermost position, a plug closing the lower end of the reduced portion, said portion having holes therein above the plug, a swab connected with the outer end of the tubular member by tongues punched from the tubular member which form openings for permitting liquid in the member to saturate the swab.

In testimony whereof I affix my signature.

OTTO E. HACKMAN.