Jan. 7, 1941. R. B. FINN 2,227,710

EYEGLASS CLEANING DEVICE

Filed Aug. 1, 1939

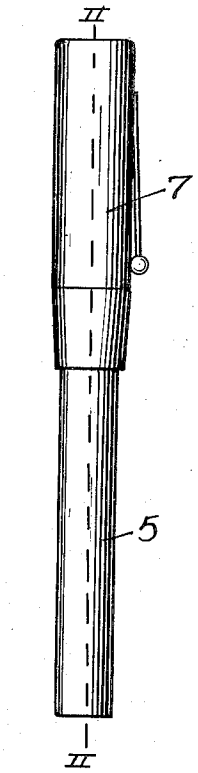


Fig. I.

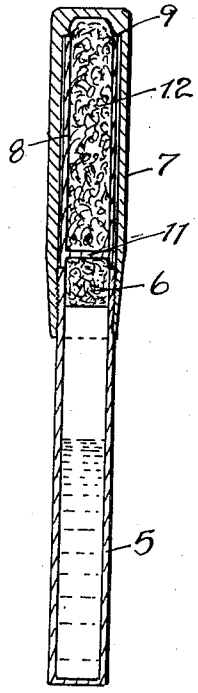


Fig. II.

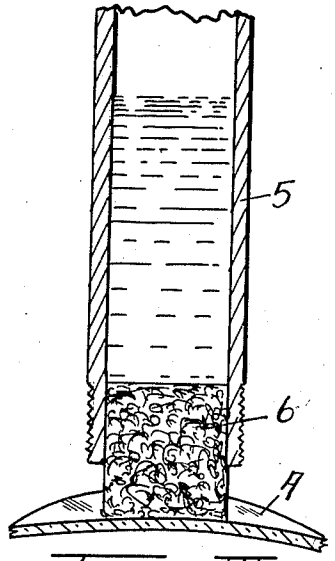


Fig. III.

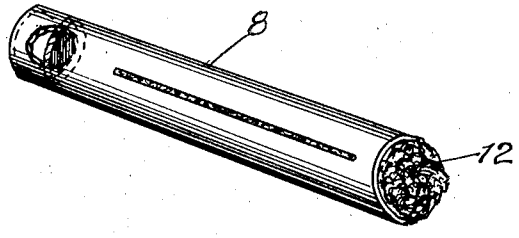


Fig. IV.

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EYEGLASS CLEANING DEVICE

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Application August 1, 1939, Serial No. 287,740

1 Claim. (Cl. 15—134)

This invention relates to improvements in eyeglass cleaning devices and has particular reference to a device for use in cleaning the lenses of eyeglasses, such as worn by a person, which often become soiled with a greasy deposit which is hard to remove with an ordinary dry cloth.

A further object of the invention is to provide means for applying a cleaning fluid or solvent to the glass through a rubbing action and to thereafter wipe the glass dry with a dry absorbent material.

A further object of the invention is to produce a device of this character which is compact and, therefore, readily transportable in the pocket of the user, a device which is economical to manufacture, and a device which is simple to use.

Other objects and advantages will be apparent during the course of the following description.

In the accompanying drawing forming a part of this specification and in which like numerals are employed to designate like parts throughout the same,

Fig. 1 is a side elevation of my device;

Fig. 2 is a cross sectional view taken on the line 2—2 of Fig. 1;

Fig. 3 is an enlarged fragmentary detailed view, showing the wiping action employed in applying the cleaning fluid; and

Fig. 4 is an enlarged perspective view of the drying medium container.

A person who wears eyeglasses is often troubled by spots appearing on the glasses, which spots may be caused by liquid splattering thereon, oily deposits which fog the glasses, and human grease from the hands or eyelashes. Therefore, it becomes necessary to wipe the glasses clean in order to have the best visibility. It is common practice to employ a piece of cloth, such as a handkerchief, for this purpose. However, some of these deposits cannot be removed by the use of a plain cloth.

I have, therefore, devised a simple cleaning arrangement, wherein a cleaning substance may be wiped over the glass with sufficient pressure to remove all scum thereon through both a solvent and rubbing action and to thereafter employ a drying medium, such as cotton, to polish the surface of the glass and to dry the same.

In the accompanying drawing wherein for the purpose of illustration is shown a preferred embodiment of my invention, the numeral 5 designates a fluid holder, and in the present instance, the same is a barrel-like construction, such as commonly employed to hold the ink of a fountain pen. This holder has its open end closed by a stopper 6, made of pervious material, such as felt, sponge, and the like substances. A cap 7 has threaded engagement with the holder 5 and also serves to enclose a container 8. This container 8 is of smaller diameter than the bore of the cap 7; and when the cap is placed upon the holder, one end of the container abuts a shoulder 9 formed in the end of the cap, while the opposite end of the container abuts the end of the holder. A division wall 11 in the container serves to form two cavities—one for the reception of the drying material 12 and the other to surround the exposed end of the stopper 6.

The result of this construction is that when the parts are assembled, as shown in Fig. 2, and the holder is filled with a cleaning fluid, the cleaning fluid cannot escape through the pervious stopper 6 for the reason that the upper end of the holder is sealed by its engagement with the container 8 and is held in place by the cap 7.

In order to use my device the cap 7 is removed and the holder is inverted so that the moist stopper 6 may be rubbed over the lens, shown in cross section at A in Fig. 3. After the lens has been thoroughly cleaned by rubbing the surface thereof with the cleaning fluid, the container 8 is removed from the cap 7, and the drying material 12 projecting therefrom is rubbed over the surface of the lens to polish the same and to remove any unevaporated cleaning substance. As the end of the drying material becomes soiled, the same may be pulled out of the container and thrown away.

In Fig. 4 I have shown a slot, whereby a hairpin or other similar instrument may be used to further project the drying material from the container.

It is to be understood that the form of my invention herewith shown and described is to be taken as a preferred example of the same and that various changes relative to the material, size, shape and arrangement of parts may be resorted to without departing from the spirit of the invention or the scope of the subjoined claim.

Having thus described my invention, I claim:

In a device of the class described, a holder, a container positioned on said holder and engaging the end thereof, means for removably positioning said container on said holder and comprising a threaded member engaging said holder and having a shoulder engaging the opposite end of said container than that contacting said holder.

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