June 30, 1936. L. T. HUGHES 2,046,022

INK ERADICATOR ATTACHMENT FOR FOUNTAIN PENS

Filed March 14, 1934

FIG. 1.

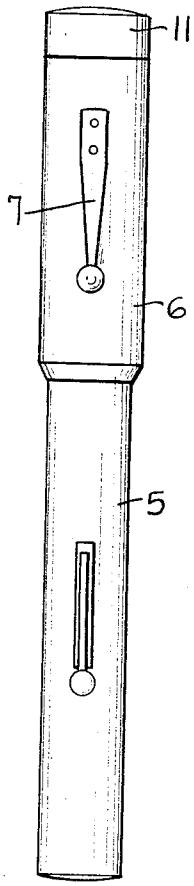


FIG. 2.

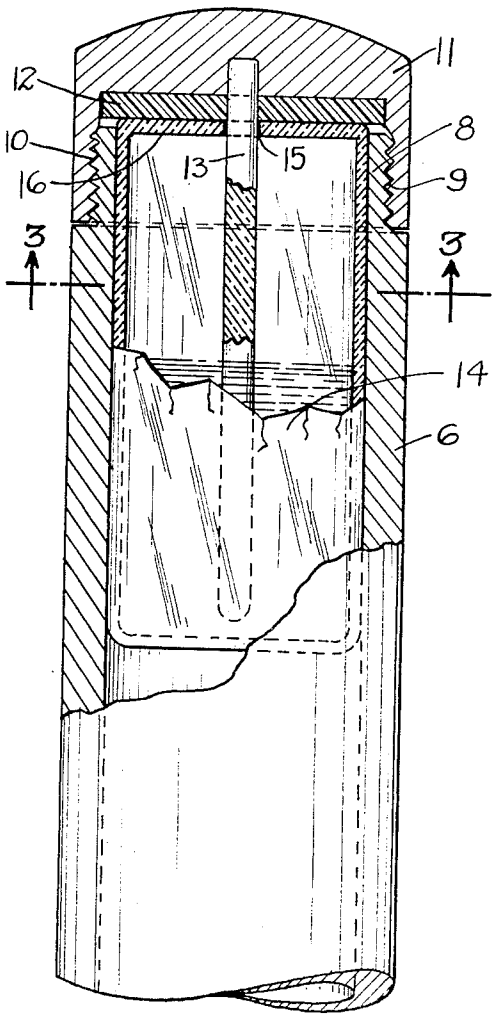
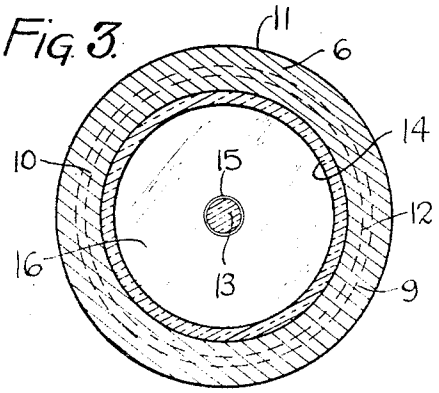


FIG. 3.



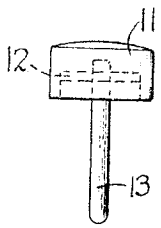


FIG. 4.

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INK ERADICATOR ATTACHMENT FOR FOUNTAIN PENS

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Application March 14, 1934, Serial No. 715,457

1 Claim. (Cl. 120—36)

This invention relates to an ink eradicator attachment for fountain pens and in particular to means for carrying an ink eradicator fluid in the cap of a fountain pen without danger of spilling the same.

A particular object of my invention is to use the cap of a fountain pen for holding a bottle which is provided with a top opening so small that, while it will allow passage of a glass dauber rod, it will prevent the fluid in the bottle from spilling out should the same be accidentally inverted. The fluid contents of the bottle is held in by atmospheric pressure.

A further object is to provide a cover for the cap of the pen which will include a glass rod to be used as a dauber and stopper for the bottle and said cover being so arranged that it does not detract from the appearance of the pen.

A still further object of my invention is to provide a container for the eradicating fluid which is preferably force fitted into the cap of the pen, and which can be replenished with fluid as needed, thereby eliminating the necessity of inserting a new bottle of eradicating fluid as needed and consequently lowering the cost of the pen construction as a whole.

With the foregoing and other objects in view, which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed may be made within the scope of what is claimed without departing from the scope of the invention.

In the accompanying drawing;

Figure 1 is a view in elevation of a fountain pen in which is incorporated, in the cap part thereof, an ink eradicator holding member.

Figure 2 is an enlarged section in elevation of the end of the fountain pen cap showing the arrangement of the bottle and cover which closes the end of said cap.

Figure 3 is a section taken on the line 3—3 of Figure 2 and

Figure 4 is a view in elevation of the cap cover to which is secured the glass rod which serves as a dauber.

Referring to the drawing in detail 5 indicates the body of a fountain pen, the pen portion of which is covered in the usual manner by the cap 6. The cap bears the clip 7 through the medium of which the pen is held in the pocket. The end of the cap 6 is provided with a collared or flanged portion 8, which is externally threaded as at 9 and arranged to receive the threaded portion 10 of the cover 11, whose outer diameter is the same as the diameter of the cap 6 so that when the cover is in place on the cap, it provides an unbroken surface for the end of the cap.

The cover 11 being necessarily recessed, is arranged to accommodate a soft rubber cushion disk or washer 12, through which passes the glass rod 13 which is secured in the body of the cover in any suitable manner and is arranged to extend into a bottle 14 which is force fitted into the neck end of the cap 6 and is, with the exception of a small hole 15, closed at its top end. This hole is just large enough to admit the glass rod 13 which serves as a dauber and extends to a point near the bottom of the bottle when the cover is in place.

When the cover is in place, the washer 12 presses against the top 16 of the bottle 14 and in the event the bottle should be cracked or broken by the accidental dropping of the fountain pen the contents will not leak out. It is very important that this ink eradicating fluid be kept from leaking as it is a strong chemical and readily stains clothing with which it might come into contact.

For this reason, the opening 15 of the bottle is of such diameter that atmospheric pressure will prevent the fluid from spilling out when the cover and rod are removed and the cap inverted. The bottle may be refilled with a fountain pen dropper and the glass rod when in place, prevents the fluid from being shaken out of the bottle while the pen is being carried on the person.

It is evident therefore that I have provided a means for holding an ink eradicating fluid in a fountain pen where it is convenient for use, and by using a bottle of the particular construction referred to, no thought need be given by the user to danger of spilling the contents when the cap is laid down and the glass rod in use as a dauber to apply the fluid.

It is evident also that my invention eliminates the necessity of having a separate container for carrying the ink eradicating fluid and that its incorporation in the pen is not evident and it does not detract from the appearance of the pen.

While I have illustrated and described my invention with some degree of particularity, I realize that in practice, various alterations therein may be made without departing from the spirit of the invention or the scope of the appended claim;

What I claim is;

An ink eradicator attachment for fountain pens comprising a glass bottle adapted to be fitted into the cap closed end of a part of the pen and arranged to frictionally and forcefully fit the interior wall thereof, said bottle being cylindrical in shape and having flat end walls, one of which at the cap closed end of the pen part is provided with an opening of sufficient smallness to form a capillary seal to prevent the spilling of the contents when the cap end of the pen is left open, a dauber attached to the cap and arranged to pass through the opening and a sealing disk for engagement with the perforate end of the bottle when the dauber is in place in the bottle.

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