

PATENT SPECIFICATION



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PROVISIONAL SPECIFICATION

Improvements in or relating to Fountain Pens, Propelling Pencils and the like

We, MENTMORE MANUFACTURING Co. LIMITED, a Company registered under the laws of Great Britain, of Tudor Grove, Well Street, Hackney, London, E.9, and GEORGE EDWARD BARKER, a Subject of the King of Great Britain, of 32, Epping Way, Chingford, London E.4, do hereby declare the nature of this invention to be as follows:—

10 This invention relates to fountain pens, propelling pencils and the like and is concerned with the attachment of pocket clips to such articles when they are made from celluloid, synthetic resins and similar artificial materials.

15 It is an object of the invention to provide an improved clip and an improved method of attaching same to the pen or the like such that the finished article shall be more pleasing to the eye than, while being just as serviceable as, those heretofore produced.

20 According to the invention a fountain pen or the like made from an artificial material, such as celluloid, has a pocket clip of the same material secured thereto by means of an adhesive or cement.

25 The clip may be formed with a projection adapted to enter a recess or aperture in the pen cap or the like and be secured therein by the adhesive or cement.

30 An example of the way in which the invention may be carried into effect will now be described with relation to a fountain pen.

35 The celluloid cap of the pen is formed with an appropriately located recess in

its outer surface and a projection adapted to fit comparatively closely into the said recess is formed on the one end of a piece of celluloid which is shaped to constitute a clip member. The projection is cemented into the recess by means of one of the well-known celluloid cementing compositions, e.g. amyl acetate, and the clip thereby becomes firmly united with the pen cap.

40 It is preferred to shape the clip so that it has a flange portion which covers the cemented joint and also thickened ends which serve to space the flexible central portion of the clip from the pen cap.

45 A suitable form of recess has the wall nearest to the open end of the cap undercut and the projection then has a similar wall but is of slightly smaller size than the recess so that it may be introduced easily into the latter. The spaces between the walls of the projection and recess are filled with the cementing substance and, when this has hardened, the clip is securely attached to the cap and has great resistance to the stresses which are produced by the engaging of the clip with a user's pocket.

50 Alternatively, all the walls of the recess and/or the projection may be undercut or the projection may engage in an aperture formed through the wall of the cap.

Dated this 28th day of August, 1937.

For the Applicants,

RAWORTH, MOSS & COOK,

75, Victoria Street, London, S.W.1,  
Chartered Patent Agents.

COMPLETE SPECIFICATION

Improvements in or relating to Fountain Pens, Propelling Pencils and the like

70 We, MENTMORE MANUFACTURING Co. LIMITED, a Company registered under the laws of Great Britain, of Tudor Grove, Well Street, Hackney, London, E.9, and GEORGE EDWARD BARKER, a Subject of the King of Great Britain, of 32, Epping Way, Chingford, London E.4, do hereby declare the nature of this invention and

in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

80 This invention relates to fountain pens, propelling pencils and the like and is concerned with the attachment of pocket clips to such articles when they are made from

celluloid, synthetic resins and similar artificial materials.

It is an object of the invention to provide an improved clip and an improved method of attaching same to the pen or the like such that the finished article shall be more pleasing to the eye than, while being just as serviceable as, those heretofore produced.

According to the invention a fountain pen or the like made from an artificial material, such as celluloid, has a pocket clip of the same material secured thereto by means of an adhesive or cement or by means of a metal or other fastening.

The clip may be formed with a projection adapted to enter a recess or aperture in the pen cap or the like and be secured therein by the adhesive or cement.

Some examples of the way in which the invention may be carried into effect will now be described with relation to a fountain pen, reference being made to the accompanying drawing, wherein:—

Fig. 1 is a perspective view showing a pen cap and clip separated,

Fig. 2 is a part sectional elevation of the cap with the clip secured in place,

Figs. 3 and 4 are views similar to Figs. 1 and 2, respectively, of a modification,

Fig. 5 is a view similar to Fig. 1 of a further modification, and

Fig. 6 is a transverse section thereof.

In the first example, illustrated in Figs. 1 and 2, the celluloid cap 1 of a fountain pen is formed with an appropriately located recess 2 in its outer surface. A clip member is formed from a celluloid backing piece 3*a*, an intermediate resilient metal piece 3*b* and an outer celluloid covering piece 3*c*, all secured together by means of a cement or adhesive. The metal piece 3*b* may have a thickened free end 3*d* which is left exposed for ornamental purposes. The backing piece 3*a* of the clip is formed with thickened ends which serve to space the flexible central portion of the clip from the cap when it is secured in place. This is effected, in the example, by shaping the thickened base end of the clip to correspond to the shape of the recess 2 in the pen cap and cementing it therein by means of one of the well-known celluloid cementing compositions, e.g. acetone or amyl acetate. The clip thereby becomes firmly united with the pen cap.

The modification shown in Figs. 3 and 4 has a clip 4 formed entirely from celluloid, to the requisite shape and with the usual thickened end parts. The upper or base end part is formed with a pair of rectangular projections 5 adapted to be engaged in and cemented into correspond-

ing apertures 6 formed in the wall of the pen cap 1. The walls of the apertures 6 nearest to the open end of the cap are preferably undercut slightly and the projections 5 then each have a similar wall but are of smaller size than the apertures so that they may be introduced easily into the latter. When the spaces between the walls of the projections 5 and the apertures 6 are filled with the hardened cementing substance, the clip 4 is securely attached to the cap 1 and has great resistance to the stresses which are produced by the engaging of the clip with a user's pocket. If desired, all the walls of the apertures and/or the projections may be undercut.

In the further example of Figs. 5 and 6, the clip 7 is formed entirely from celluloid and is recessed around the upper ends of its front face and side walls to accommodate a metal clip 8 of U-shape in section. The limbs of the metal clip are passed through spaced parallel slots 9 cut in the wall of the pen cap 1 and have their ends bent over on to the inner surface of the cap (see Fig. 6) to secure the celluloid clip 7 firmly in place. As shown, the metal clip 8 may also serve an ornamental purpose and the pointed end may be of such length as to add to the strength and spring of the celluloid clip.

Having now particularly described and ascertained the nature of our said invention and in what manner the same is to be performed, we declare that what we claim is:—

1. A fountain pen or the like made from an artificial material, such as celluloid, having a pocket clip of the same material secured thereto by means of an adhesive or cement or by means of a metal or other fastening.

2. A fountain pen or the like as claimed in claim 1, wherein the clip is formed with a projection adapted to enter and be cemented into a recess or aperture in the pen cap or the like.

3. A fountain pen or the like as claimed in claim 1 or 2, wherein the clip has a resilient metal member embedded therein.

4. A fountain pen or the like as claimed in claim 2, wherein a wall or walls of the recess or aperture and/or a wall or walls of the projection is or are undercut.

5. The improved fountain pens, propelling pencils and the like substantially as herein described with reference to the accompanying drawing.

Dated this 27th day of August, 1938.

For the Applicants,

RAWORTH, MOSS & COOK,  
75, Victoria Street, London, S.W.1,  
Chartered Patent Agents.

[This Drawing is a reproduction of the Original on a reduced scale.]

