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E. McCREE

1,789,387

PEN OR PENCIL CASE

Filed Dec. 10, 1926

Fig. 1

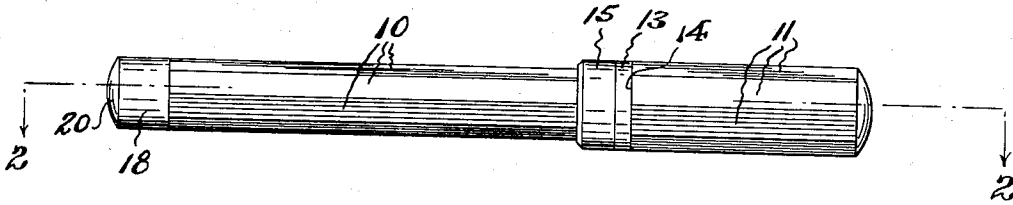


Fig. 2

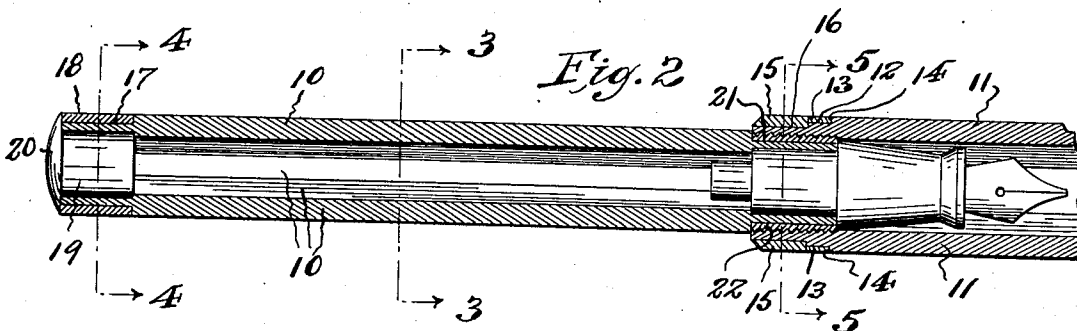


Fig. 3

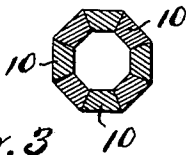


Fig. 4

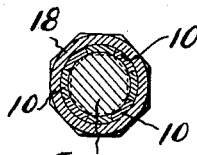


Fig. 5

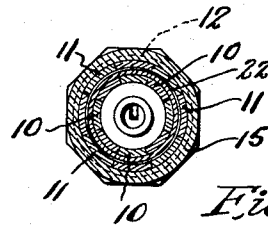


Fig. 6

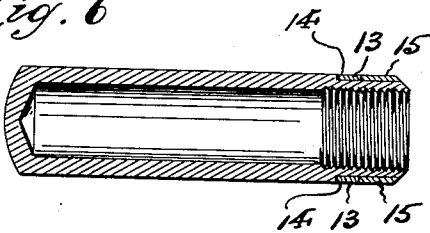


Fig. 7

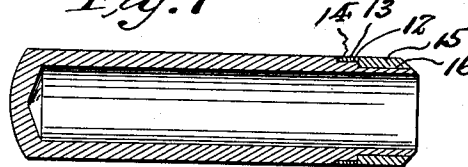
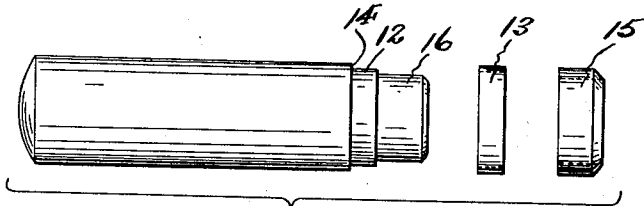


Fig. 8



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PEN OR PENCIL CASE

Application filed December 10, 1926. Serial No. 153,745.

This invention relates to improvements in pen or pencil cases; and the invention has for its principal objects to provide, primarily, a novel method and means for applying and securing decorative bands to the body or cap structures of such cases, and, secondarily, to a novel method and means for reenforcing the body or cap structures of such cases when made in sectional form.

In the manufacture of pen and pencil cases, and especially in connection with the barrels and caps of fountain pens, it is frequently desired to apply thereto encircling bands of precious or semi-precious metal or other material for decorative purposes. Heretofore such bands have been forced over the larger diameter of the barrel or cap into an annular depressed groove of smaller diameter. This operation is both difficult and unsatisfactory, since it does not produce the desired snug fit of the band in the groove, and consequently the bands easily become loose and are frequently displaced.

It is one of the objects of this invention to provide a form of construction for the barrels or caps of pen or pencil cases, whether of the integral molded or bored type, or of the fabricated sectional type, whereby ornamental bands may be quickly and easily applied thereto and firmly secured against accidental displacement; and at the same time, when the cases are of fabricated sectional construction, providing means calculated to re-enforce the structure against splitting or opening of its seams.

Other objects of this invention, not at this time more particularly enumerated, will be clearly understood from the following detailed description of the same.

The invention is clearly illustrated in the accompanying drawings, in which:—

Figure 1 shows a case for fountain pens, comprising a fabricated sectional structure, the same having the novel decorative band retaining and body reenforcing means made according to this invention. Figure 2 is a longitudinal section, on an enlarged scale, taken on line 2—2 in Figure 1; Figures 3, 4 and 5 are respectively transverse sections, taken on

the respective section lines 3—3, 4—4 and 5—5 in said Figure 2.

Figure 6 is a longitudinal sectional view of a fountain pen cap in integral molded or bored form, showing the novel decorative band retaining means; Figure 7 is a similar view, showing a slight modification in the arrangement of the band retaining means; and Figure 8 is a side elevation of the structure shown in Figure 7, with the parts as arranged prior to operative assembling thereof.

Similar characters of reference are employed in all of the hereinabove described views, to indicate corresponding parts.

Referring now to Figures 1 to 5 of said drawings, I have shown therein a fountain pen case, the barrel or body of which is formed of a fabricated sectional construction, comprising a plurality of longitudinal members 10 arranged edge to edge and cemented together, thus providing a body of desired polygonal shape in cross section. This form of construction is especially adapted to the production of fountain pen or pencil bodies out of pyroxyline material, and lends itself to the attainment of a variety of shapes, as well as of ornamental color treatment, since it permits of the use of veneered strips or members 10, if desired, whereby expensive color pigments may be utilized in the external veneer layer, while nevertheless utilizing a less expensive material for the underlying body of the strip or member 10, all of which is now known in the art. The cap of the fountain pen case is also formed, if desired, of fabricated sectional construction, comprising a plurality of similar longitudinal strips or members 11 arranged edge to edge and cemented together.

To apply an ornamental or decorative band to the cap, adjacent to its open end, the cap body is turned down to reduce the diameter of said end, and to provide an annular seat 12 to receive the decorative band 13, which may be telescopically slid over the reduced end until it abuts the shoulder 14 at the inner side of said seat 12. The band 13 may thus be made to slidably fit the seat 12 so that a close snug fit is assured. After the band 13 is slid over the reduced end of the

cap and on to its seat 12, an integral ferrule or keeper sleeve 15 of pyroxylin material, also sized to fit the reduced end of the cap, but corresponding in outside diameter substantially to the major diameter of the cap body, is slid over the said reduced cap end to abut the outer margin of the applied band 13. Said ferrule or keeper sleeve 15 is cemented to the body, and thus becomes substantially an integral part thereof, serving not only to retain the decorative band 13 against displacement, but also as a means for reenforcing and securing the sectional strips or members 11 together, whereby all risk of opening or splitting the same along the lines of the seams of the adjoined strips or members 11 is eliminated. If desired, the ferrule or keeper sleeve 15 may be made of a thickness exceeding the thickness of the band 13 (as shown in Figure 2, Figure 7 and Figure 8), in which case the cap-body is further reduced to provide a ferrule or keeper sleeve seat 16 of further reduced diameter; or the ferrule or keeper sleeve 15 may correspond in thickness to the thickness of the band 13 (as shown in Figure 6), in which case the ferrule or keeper sleeve seat and band seat are coincident.

It may be desired to employ a ferrule or keeper sleeve for its body reenforcing function alone, regardless of whether or not a decorative band is employed. Such use is illustrated in Figures 1, 2, 4 and 5, in connection with the sectional barrel body of the fountain pen, wherein the outer end portion is turned down to provide a seat 17 of reduced diameter over which is engaged and cemented a ferrule or keeper sleeve 18, after which the end of the body is closed by the end plug 19 which is inserted and cemented in the same, and the head 20 of which extends over the outer end of said ferrule or keeper sleeve 18. It will be evident that the ferrule or keeper sleeve 18 will very efficiently reenforce the outer end of the sectional body against opening or splitting along the lines of its seams. The inner end portion of the sectional barrel body of the fountain pen may be likewise reenforced, by turning the same down to provide the seat 21 of reduced diameter adapted to receive another ferrule or keeper sleeve 22. Another advantage of this ferrule or keeper sleeve 22 is, that it affords an integral member upon the exterior face of which may be cut the screw threads to receive a correspondingly internally threaded cap, as shown in Figure 2 more especially.

As shown in Figures 6 to 8 inclusive, the method and means for applying and securing an ornamental band to pen caps or bodies, as the case may be, is not restricted for use in connection with fabricated sectional structures, but may also be employed in connection with such parts when made by boring and turning the same from an integral block of material, or when made of molded ma-

terial. In such case the band seat or band and keeper ring seats are provided by turning down the material to required reduced diameter or diameters to receive said parts, which are thereupon assembled together to produce the finished arrangement, as already above described, and which will be understood by the identification of corresponding parts by the same reference characters applied in said Figures 6 to 8 inclusive.

Having thus described my invention, I claim:—

1. In a fountain pen, the provision adjacent to an end of a member thereof of a portion of reduced diameter limited at its inner end of a stop shoulder, a decorative band to fit slidably over said reduced portion and disposed to abut said stop shoulder, said member being further provided outwardly of said thus applied band with a further reduced portion, and an integral keeper sleeve disposed on and cemented to said further reduced portion to abut the outer edge of said decorative band, said keeper sleeve serving to positively retain said band on said reduced portion.

2. In a fountain pen having a member, said member being formed by a plurality of longitudinal sections cemented together in edge to edge relation, the provision at an end of said member of a portion of reduced diameter limited at its inner end by a stop shoulder, a decorative integral band to fit slidably over said reduced portion and disposed to abut said stop shoulder, said member being further provided outwardly of said thus applied band with a further reduced portion, and an integral keeper sleeve disposed on and cemented to said further reduced portion to abut the outer edge to said band, thereby positively retaining the same on said reduced portion, and at the same time reenforce said sections.

In testimony that I claim the invention set forth above I have hereunto set my hand this 9th day of December, 1926.

EBEN McCREE.