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M. O. REIS

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COMBINATION PEN CAP AND BLOTTER

Filed March 21, 1929

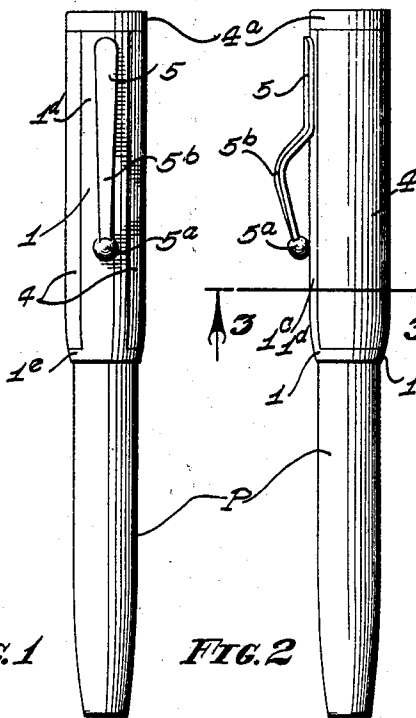


FIG. 1

FIG. 2

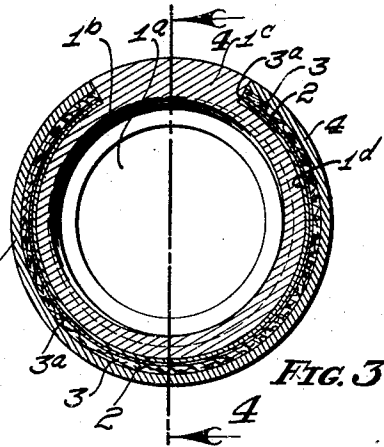


FIG. 3

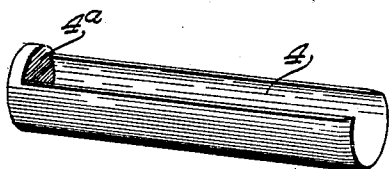


FIG. 5

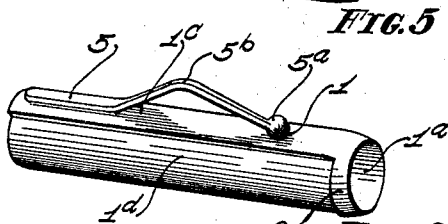


FIG. 6

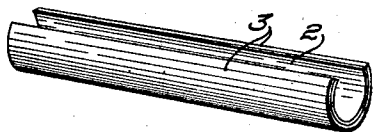


FIG. 7

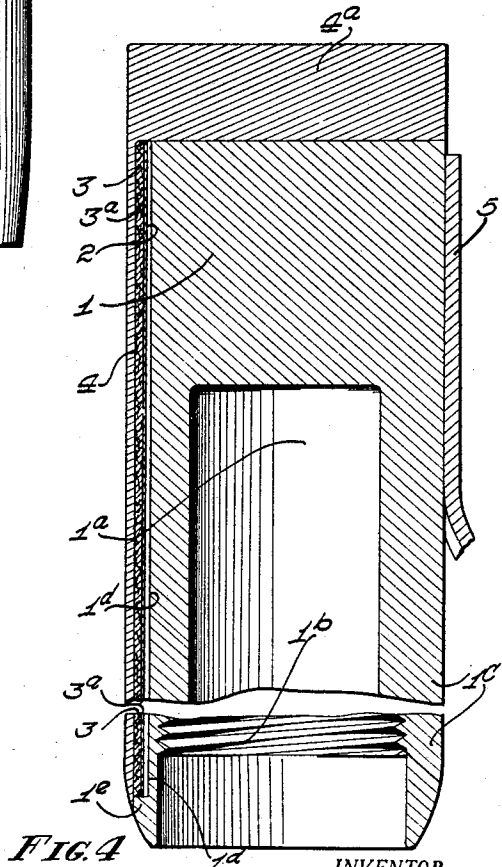


FIG. 4

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COMBINATION PEN CAP AND BLOTTER

Application filed March 21, 1929. Serial No. 243,720.

My invention relates to combinations of a fountain pen cap and blotter, and the objects of my invention are: First, to provide a combination of this nature which has substantially the same appearance as the conventional fountain pen cap; second, to provide a means for blotting signatures or the like which is concealed in a fountain pen cap; third, to provide a combination of this nature in which a fountain pen clip serves as a handle for manipulating the blotter element; fourth, to provide a combination of this nature whereby the blotter element may be readily interchanged; fifth, to provide a blotter element for a combination of this nature which is extremely economical of construction, therefore the cost of maintaining a fresh blotter element in the pen cap is negligible; sixth, to provide a combination of this nature which does not interfere with the ordinary use of the pen; seventh, to provide a combination of this nature in which the blotter element is semi-cylindrical in shape so as to enable it to be rolled over the writing to be blotted by an arcuate movement of the pen clip; eighth, to provide a blotter for a combination of this nature which is especially adapted for blotting signatures on checks or other writing covering a small space; ninth, to provide a combination of this nature which is extremely compact and which is handy to use, and tenth, to provide a combination pen cap and blotter which is efficient in its action, durable, simple of construction proportional to its functions, and which will not readily deteriorate or get out of order.

With these and other objects in view as will appear hereinafter, my invention consists of certain novel features of construction, combination and arrangement of parts and portions as will be hereinafter described in detail and particularly set forth in the appended claims, reference being had to the accompanying drawings and to the characters of reference thereon which form a part of this application, in which:

Figure 1 is an elevational view of a pen with my pen cap and blotter combination shown in conjunction therewith; Fig. 2 is another elevational view thereof taken at right

angles to Fig. 1; Fig. 3 is an enlarged cross-sectional view through 3—3 of Fig. 2; Fig. 4 is an enlarged fragmentary sectional view through 4—4 of Fig. 3; Fig. 5 is a perspective view of the casing member; Fig. 6 is a perspective view of the pen cap, and Fig. 7 is a perspective view of the blotter element.

Similar characters of reference refer to similar parts and portions throughout the several views of the drawings.

Pen cap 1, blotter support 2, blotter 3, casing 4, and pen clip 5, constitute the principal parts and portions of my combination fountain pen cap and blotter.

The pen cap 1 is provided with an axially extending bore 1a similar to the conventional fountain pen cap. In this bore is provided a threaded portion 1b which engages the screw threads, not shown, provided near the one end of the conventional pen. The pen cap 1 which is substantially cylindrical is closed at its one end, as shown in Fig. 4.

A semi-cylindrical ridge 1c extends substantially the length of the pen cap leaving a complementary or semi-cylindrical portion 1d which is slightly reduced in diameter. The semi-cylindrical portion 1d of smaller diameter, extends for a considerably greater number of degrees than the semi-cylindrical portion 1c, as shown best in Fig. 3. The outer portion of the pen cap adjacent to its open end tapers inwardly, thereby reducing the thickness of the walls of the pen cap so as to form a neat joint with the fountain pen P, as shown in Figs. 1 and 2. The semi-cylindrical portion 1d of reduced size may terminate short of the open end of the fountain pen cap forming an annular ridge 1e which merges into the side margins at one end of the ridge 1c, as shown best in Fig. 6.

A blotter support 2 is provided which is preferably formed of very thin spring steel. The width of the blotter support is substantially the same as the peripheral length of the semi-cylindrical portion 1d, and the length of the blotter support is equal to the longitudinal length of this semi-cylindrical portion 1d. The blotter support is also semi-cylindrical and normally has a diameter less than the reduced portion 1d, as indicated

by the dotted lines in Fig. 3; but as the material of the blotter support is spring steel, it may readily be snapped over the portion 1*d*, and abut against the shoulder formed between the portion 1*c* and the portion 1*d*, as indicated in Fig. 3.

Secured by glue 3*a* or other suitable binder, is a blotter 3. This blotter has substantially the same area and conforms to its support 2. The thickness of the blotter together with the support is substantially equal to the height of the ridge 1*c* formed around the end of the pen cap 1, as indicated in Fig. 4.

A semi-cylindrical casing 4 is provided. This casing fits over the blotter and abuts against the side margins of the semi-cylindrical portion 1*c*, as indicated in Figs. 1, 2 and 3. The outer periphery of the casing 4 has substantially the same diameter when in position as said portion 1*c* so that when the casing is positioned on the pen cap the device has a circular cross-section conforming to the shape of the pen P. The casing may be made slightly resilient so as to clamp over the blotter and prevent accidental dislodgment. The one end of the casing 4 is provided with a circular cross member 4*a* which encloses the end of the pen cap, blotter and its support. The other end of the casing 4 extends slightly over the ridge 1*c*, as indicated in Fig. 4, so as to enclose the forward end of the blotter and its support.

Thus when the casing is in position, as shown in Figs. 1 and 2, the blotter is completely concealed. The shoulder formed by the side margins of the arcuate or ridge portion 1*c* engages the side margins of the casing 4 so that the casing cannot be rotated relative to the pen cap. Thus the pen cap may be easily screwed on to the pen.

Secured by any suitable means on the semi-cylindrical portion 1*c* is a pen clip 5. The extended end of the pen clip is towards the open end of the pen cap and is provided with a knob or ball 5*a* which resiliently engages the pen cap for holding the pen in a pocket or the like. Intermediate its ends said pen clip is curved outwardly forming a handle 5*b*, as shown best in Figs. 2 and 6.

When desiring to use the blotter, the casing 4 is slipped off the end of the pen cap and the handle 5*b* of the pen clip is grasped between the thumb and fore finger. The blotter is then rolled over the writing.

It will be noted that by forming the ridge 1*c* so that the ends of the blotter and its elements are completely enclosed, the pen is as neat in appearance as the conventional fountain pen cap. However, this ridge 1*c* may be dispensed with and the blotter and its support brought flush with the open end of the cap. This facilitates the operation of the blotter as it may be brought in good contact for its full length, but such a construction is a slight sacrifice in appearance.

It is obvious from the construction as illustrated in the drawings and described in the foregoing specification, that there is provided a combination fountain pen cap and blotter as set forth in the objects of the invention, and though I have shown and described a particular construction, combination and arrangement of parts and portions, I do not wish to be limited to this particular construction, combination and arrangement, but desire to include in the scope of my invention the construction, combination and arrangement substantially as set forth in the appended claims.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:

1. In a combination of the class described, a pen cap adapted to be mounted on a conventional pen, said pen cap provided with a reduced arcuate portion extending longitudinally therewith, a blotter means mounted on said reduced portion, and a removable casing enclosing said blotter portion, the outer periphery of said casing adapted to complement the unreduced arcuate portion of said pen cap and form a continuation therewith.

2. In a combination of the class described, a pen cap adapted to be mounted on a conventional pen, said pen cap provided with a reduced arcuate portion extending longitudinally therewith, a blotter support, said blotter support adapted to be removably clamped upon the reduced arcuate portion of said pen cap, a casing enclosing said blotter support, the outer periphery of said casing adapted to complement the unreduced arcuate portion of said pen cap forming a continuation thereof.

In testimony whereof, I have hereunto set my hand at San Diego, California, this 9th day of March, 1929.

MARION O. REIS.