H. E. HALSETH.

PENHOLDER.

APPLICATION FILED JAN. 3, 1920.

1,348,410. Patented Aug. 3, 1920.

Fig. 1.

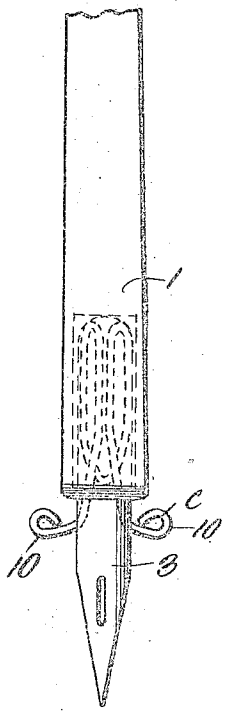


Fig. 2.

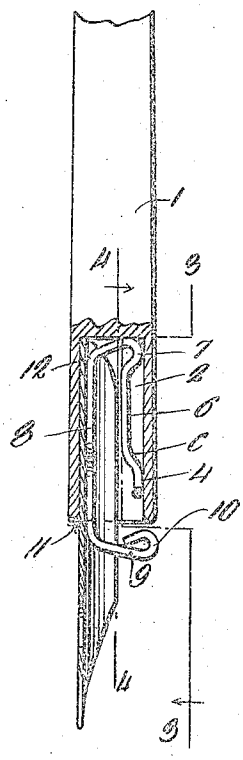


Fig. 3.

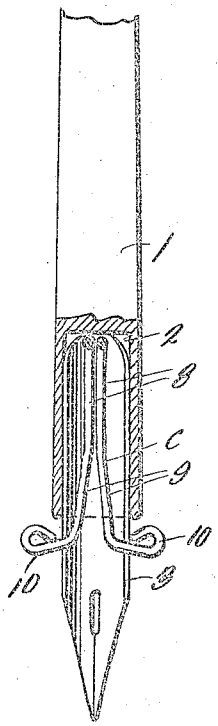


Fig. 4.

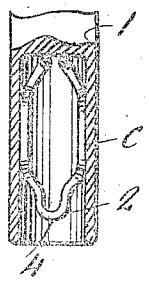
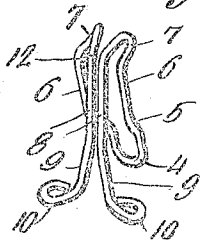


Fig. 5.



WITNESSES
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1,348,410. Specification of Letters Patent. Patented Aug. 3, 1920.

Application filed January 3, 1920. Serial No. 349,209.

To all whom it may concern:

Be it known that I, HENRY E. HALSETH, a citizen of the United States, residing at Virginia, in the county of St. Louis and State of Minnesota, have invented certain new and useful Improvements in Penholders, of which the following is a specification.

This invention relates to pen holders and has for its principal object the production of simple and efficient means for holding the pen point in the holder and for releasing same when so desired.

Another object of this invention is to provide an improved clasp for holding the pen point, which is simple of construction and may be cheaply manufactured.

The various features of novelty, whereby my invention is characterized will hereinafter be pointed out with particularity and claimed, but for a full understanding of my invention and of the various objects and advantages, reference may be had to the following detailed description taken in connection with the accompanying drawings, wherein—

Figure 1 is a fragmentary side elevation of my invention.

Fig. 2 is a longitudinal section taken through the central portion of my improved pen holder.

Figs. 3 and 4 are cross sections taken on lines 3—3 and 4—4 respectively of Fig 2 and

Fig. 5 is a detail perspective view of the clasp used with my pen holder.

By referring to the drawings by numerals it will be seen that 1 designates the pen holder which is provided with the barrel 2 at its bottom end and a clasp indicated generally at C is adapted to be inserted in the barrel 2 so as to hold the pen 3 in a manner to be hereinafter described. The clasp C is formed of a strand of resilient wire and bent upon itself so as to form the U-shaped bearing portions 4. The U-shaped bearing portions 4 are bent so as to form the offset extensions 6 which extend parallel to the plane of the U-shaped portions 4. The terminals of the offset portions 6 are bent toward the plane of the U-shaped bearing portions 4 so as to form the bearing points 7. The latter are then bent over upon themselves so as to form the arms 8 which extend parallel with the offset extensions 6 and have their ends bent so as to diverge from each other and terminate in the eye loops 10. These eye loops 10 it will be seen extend out beyond the longitudinal edges of the pen 3 when the device is in an assembled position as shown in Figs. 1 and 3 of the drawing.

Having thus described my invention it will be seen that the operation of the device is quite simple. When the device is assembled as shown in the drawing it will be seen that all that is necessary is for the operator to pull outwardly upon the eye loops 10 thereby pulling the clasp out of the barrel 2 thus releasing the pen 3. To assemble the device it will be seen that the pen may be placed in the barrel and the clasp forced in afterward or they both may be placed in the barrel simultaneously. By having especial reference to Fig. 2 it will be seen that the arms 8 are in frictional engagement with the pen point 3 and because of the resilient material of the clasp and the fact that the arms 8 and the offset extensions slightly diverge from each other when the clasp is disassembled from the barrel, the arms 8 will frictionally engage the pen point when the device is assembled. When writing it will also be seen that the pen point 3 will have a tendency to fulcrum at the point 11 so that the greatest pressure of the pen upon the clasp C will be at the point 12. I have therefore formed the clasp C in such a manner that the point 12 will have practically no resiliency thereby holding the pen point firmly within the barrel 2.

Having thus described my invention what I claim as new is:—

1. A clasp to be used in a manner described formed from a single strand of resilient wire and bent at its mid-point so as to form a U-shaped bearing portion, the terminals of said U-shaped bearing portion bent so as to form offset portions parallel to each other and to the plane of the U-shaped bearing portion, the ends of said off-set extensions being bent so as to form bearing points from which points the wire is bent so as to form parallel arms extending over and parallel to the offset extensions and provided with diverging ends which terminate in eye loops.

2. In a device of the class described, the combination with a handle having a barrel formed in one end; of a clasp formed of a single strand of resilient wire and bent at

its midpoint so as to form a U-shaped bearing portion, offset extensions extending from the terminals of said U-shaped bearing portion so as to be parallel to each other and to the plane of said U-shaped bearing portions, the terminals of said offset extensions bent so as to form bearing points, said wire extending and bent from said bearing point so as to form arms extending over and parallel to said offset extensions having their ends diverging and terminating in eye loops.

In testimony whereof I affix my signature in presence of two witnesses.

HENRY E. HALSETH.

Witnesses:
MORRIS T. BAER,
JACOB LEVY.