March 17, 1931. T. RUSTAD 1,797,103

PENCIL HOLDER

Filed Jan. 20, 1930 2 Sheets-Sheet 1

Fig. 1.

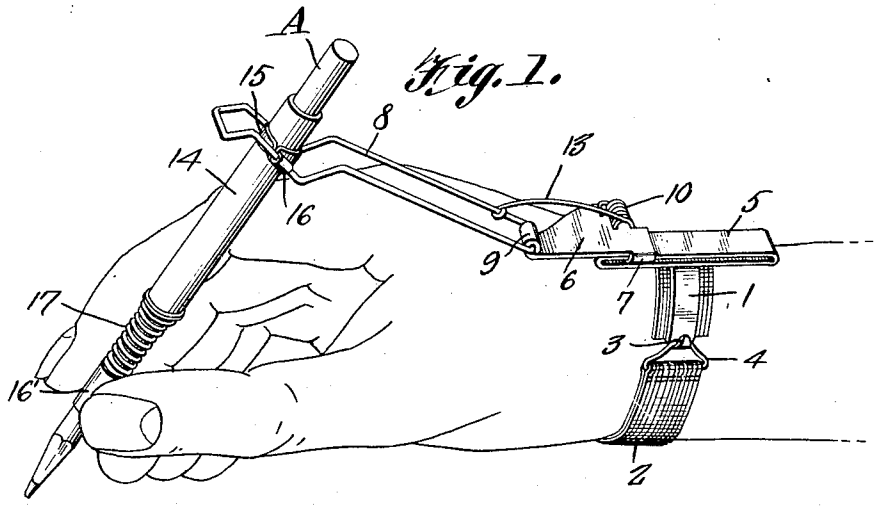


Fig. 2.

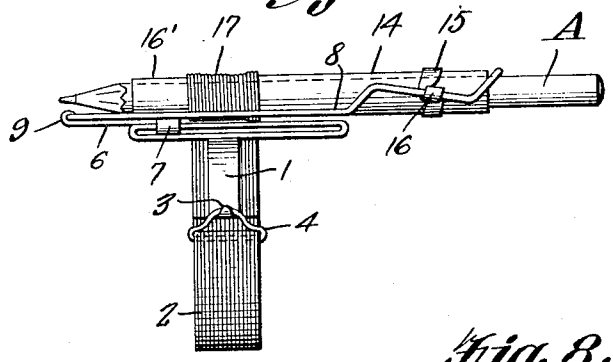


Fig. 7.

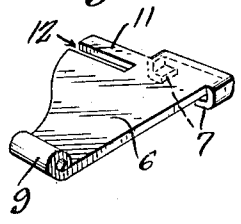
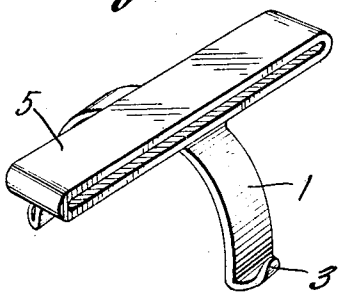


Fig. 8.



Thor Rustad,

INVENTOR

BY Victor J. Evans

ATTORNEY

WITNESS:

March 17, 1931. T. RUSTAD 1,797,103

PENCIL HOLDER

Filed Jan. 20, 1930 2 Sheets-Sheet 2

Fig. 3.

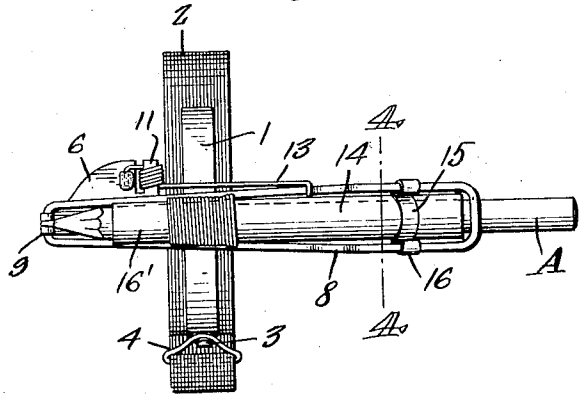


Fig. 4.

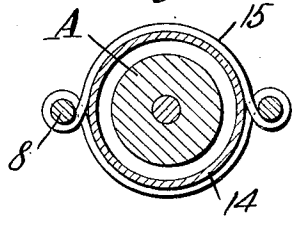


Fig. 5.

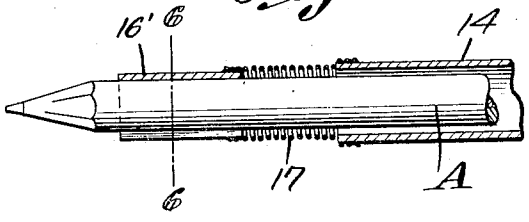


Fig. 6.

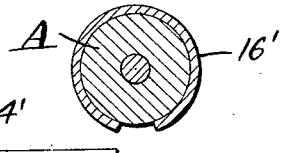
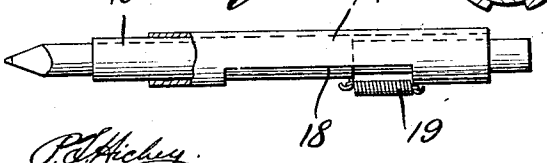


Fig. 9.



Thor Rustad,

INVENTOR

BY Victor J. Evans

ATTORNEY

WITNESS:

Patented Mar. 17, 1931 1,797,103

UNITED STATES PATENT OFFICE

THOR RUSTAD, OF ERSKINE, MINNESOTA

PENCIL HOLDER

Application filed January 20, 1930. Serial No. 422,201.

This invention relates to a pencil holder, the general object of the invention being to provide means whereby the holder is attached to the wrist of the user so that the pencil, when not in use, is supported at the wrist, with means whereby the pencil can be moved to a position to be gripped by the fingers of the hand to which the holder is attached, and spring means for instantly moving the pencil back to its first position when the pencil is released by the fingers.

Thus the pencil is always at hand and cannot be mislaid or lost, and the invention acts as a time saver and serves as a guide in holding the pencil in correct position, especially when being used by a beginner.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawings and specifically pointed out in the appended claims.

In describing the invention in detail, reference will be had to the accompanying drawings wherein like characters denote like or corresponding parts throughout the several views, and in which:—

Figure 1 is a view showing the invention in use.

Figure 2 is a side view showing the parts in position when the pencil is not in use.

Figure 3 is a top plan view.

Figure 4 is a section on line 4—4 of Figure 3.

Figure 5 is a longitudinal sectional view through the pencil holder.

Figure 6 is a section on line 6—6 of Figure 5.

Figure 7 is a view of the slide supporting plate.

Figure 8 is a view of the guideway for the sliding plate and the semi-circular wrist engaging bar.

Figure 9 is a view showing a modification of the pencil holder.

In these views, the numeral 1 indicates a semi-circular wrist engaging member and 2 indicates an adjustable elastic strap having one end connected with the semi-circular member and its other end adapted to be connected with the member by a hook 3 on the member and a clip 4 on the strap and an elongated member 5, formed of a strip of metal bent upon itself to form a closed loop, is attached at its center to the center member 1, this member 5 forming a guideway for a sliding plate 6, which is formed with bent tongues 7 to engage the guideway. A yoke-shaped member 8, formed of wire, has one of its ends hingedly connected with the forward end of the plate 6 by having said end passing through an eye 9 formed on the plate. A spring 10 is placed on the tongue 11 formed on the plate 6 by a slot therein, as shown at 12, and one of the spring ends is attached to a part of the member 8, as shown at 13. This spring tends to hold the member 8 folded against the plate 6, as shown in Figures 2 and 3, but permitting the member 8 to be swung over the hand of the user, as shown in Figure 1. A tubular pencil holder 14 is movably connected with the free end of the member 8 by an elastic band 15 on the holder having parts 16 at its sides receiving portions of the limbs of the member 8, as shown in Figures 1 and 2. The band 15 acts to hold the pencil against the plate, as shown in Figure 2. The pencil A fits loosely in the holder, but a split sleeve 16 frictionally grips the pencil in the sleeve and is connected with the holder by a coil spring 17.

The spring 17 permits longitudinal movement in the holder and tends to hold the major portion of the pencil in the holder. Thus the pencil can be partly pulled from the holder to properly place the pencil between the fingers, as shown in Figure 1, but as soon as the pencil is released by the fingers, the spring will pull it back so that it will not project too far from the holder.

In the modification shown in Figure 9, the holder 14′ is formed with a slot 18 at one side thereof and the split sleeve 16′ is of considerable length and passes into the holder. A spring 19 connects the sleeve with the holder and permits the sleeve and the pencil to be partly withdrawn from the holder, and said spring will return the sleeve to normal

position when the pencil is released by the fingers.

From the foregoing it will be seen that the device being strapped to the wrist of the user and the pencil passed through the holder and the sleeve, the spring 13 and band 15 will normally hold the parts with the pencil at the wrist of the user, as shown in Figure 2.

Thus when it is desired to use the pencil, the left hand of the user grasps the holder and swings the parts into position where the thumb and fingers of the hand to which the device is attached can grip the pencil, as shown in Figure 1. The sliding plate permits the parts to be adjusted so that the pencil can be properly positioned when in use and as soon as the fingers are released from the pencil, the parts will return to normal position, as shown in Figure 2.

It is thought from the foregoing description that the advantages and novel features of the invention will be readily apparent.

It is to be understood that changes may be made in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claims.

What I claim is:—

1. A device of the class described comprising a supporting member, means for attaching the same to the wrist of the user, a member hinged to the supporting member, a spring for normally holding said member against the supporting member, and a pencil holder pivoted to the free end of the hinged member.

2. A device of the class described comprising a supporting member, a wrist band for connecting said member with the wrist of the user, a plate slidably placed on the supporting member, a yoke-shaped member hinged to the plate, yieldable means for normally holding the yoke-shaped member against the plate and the supporting member, a pencil holder and yieldable means for connecting the holder to the free end of the yoke-shaped member and for normally holding the holder folded against the yoke member.

3. A device of the class described comprising a supporting member forming a guideway, a semi-circular member connected with the supporting member, a wrist band for fastening the semi-circular member to the wrist of the user, a plate slidably supported by the supporting member and a yoke-shaped member hinged to the plate, yieldable means attached to the plate and having one end connected with the yoke-shaped member for normally holding said member against the plate, a pencil holder, and yieldable means for connecting the holder to the free end of the yoke-shaped member.

4. A device of the class described comprising a supporting member, a wrist band for connecting said member with the wrist of the user, a plate slidably placed on the supporting member, a yoke-shaped member hinged to the plate, yieldable means for normally holding the yoke-shaped member against the plate and the supporting member, a pencil holder, yieldable means for connecting the holder to the free end of the yoke-shaped member and for normally holding the holder folded against the yoke member, a split sleeve for frictionally gripping a pencil in the holder and yieldable means connecting the sleeve with the holder.

In testimony whereof I affix my signature.

THOR RUSTAD.