Oct. 15, 1935. A. SMITH 2,017,737

COMBINED WRITING AND DRAWING INSTRUMENT

Filed May 17, 1934

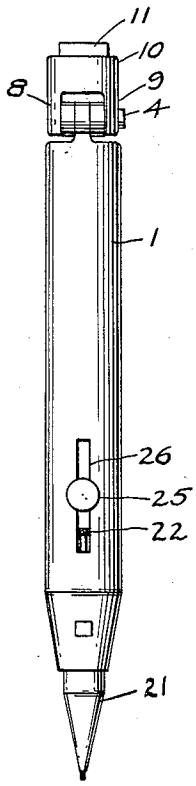


Fig. 1

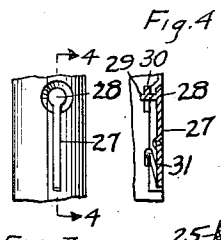


Fig. 3

Fig. 4

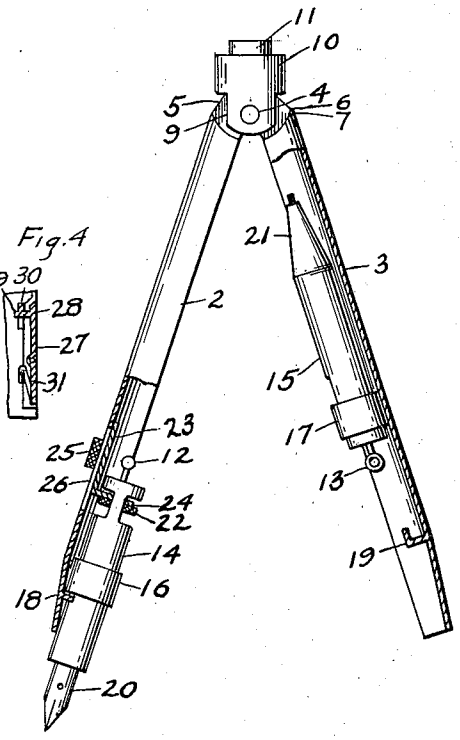


Fig. 2

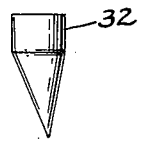


Fig. 5

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COMBINED WRITING AND DRAWING INSTRUMENT

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7 Claims. (Cl. 33—27)

My invention relates generally to pen and pencil holders, and particularly to holders capable of holding a fountain pen and a mechanical pencil.

One object of my invention is to provide a holder for a fountain pen and a mechanical pencil which is easy to manufacture, efficient in operation, and economical in cost.

Another object of my invention is to provide a holder for a fountain pen and a mechanical pencil whereby the fountain pen or the mechanical pencil may be disposed alternately in a writing position with the least amount of effort.

Another object is to provide a holder for a fountain pen and a mechanical pencil which may be used as a compass.

Another object of my invention is to provide a holder for a fountain pen and a mechanical pencil wherein the pen and pencil are disposed, either the fountain pen or the mechanical pencil capable of being placed in a writing position when the other writing instrument is disposed within the holder.

Other objects of my invention will become evident from the following detailed description, taken in conjunction with the accompanying drawing, in which

Fig. 1 is a view in side elevation of my novel pen and pencil holder with the pencil in writing position.

Fig. 2 is a view in front elevation with parts broken away of my novel pen and pencil holder in open position with the fountain pen in writing position.

Fig. 3 is a fragmentary view in side elevation of the holder showing the means for locking the sections of the holder.

Fig. 4 is a fragmentary sectional view taken on the line 4—4 of Fig. 3 showing the locking means for the holder.

Fig. 5 is a view in side elevation of a pointed cap which fits over the end of the fountain pen to form a compass.

Like reference numerals refer to similar features in the different views.

Fig. 1 shows a tubular body portion 1 comprising two substantially semi-circular sections 2 and 3 (Fig. 2) pivotally connected at the upper end thereof by a screw pin 4. Ears 5 and 6 integral with sections 2 and 3 and projecting therefrom have their surfaces slightly roughened as shown at 7 so that the sections 2 and 3 will be prevented from swinging freely. The screw pin 4 regulates the amount of friction between ears 5 and 6 and the projecting portions 8 and 9 of the head 10. An eraser 11 is provided in the head 10.

Pivotally connected members 12 and 13 are connected to and disposed within the sections 2 and 3. A fountain pen holder 14 is detachably connected to the member 12 by suitable screw means although any suitable means may be used. A mechanical pencil holder 15 is detachably connected to the member 13 by suitable screw means. Sleeves 16 and 17 surround the pen holder 14 and the pencil holder 15 and cooperate with inwardly projecting lugs 18 and 19 on the sections 2 and 3 to hold securely either the pen holder 14 or the pencil hoider 15 when in a writing position. Fountain pen 20 is disposed within the pen holder 14 and a mechanical pencil 21 is disposed within the pencil holder 15.

The fountain pen 20 is filled by pressing down on a plunger 22 in the same manner as other pens filled by this method. Any other method may be used for filling the pen. To fill the fountain pen 20 when the holder 1 is locked, a sliding member 23 having a projecting portion 24 cooperating with the plunger 22 moves longitudinally of the section 2 and is operated by means of a screw pin 25 which is guided by the slotted portion 26 in section 2. The sliding member 23 may be secured in a fixed position by screwing the pin 25 inwardly. Any other arrangement may be utilized to fill the fountain pen from the outside of the holder.

Any suitable locking means may be used but I have shown in Figs. 3 and 4 one form which may be used. A lever 27 is provided with a head 28 which may be grasped by the finger-nails and pulled outwardly. An integral pin 29 projects from the upper end of the lever 27 and cooperates with a latch member 30 which is connected to the opposite section by any suitable means (not shown). The latch member 30 normally cooperates with the pin 29 to keep the sections 2 and 3 in a closed position. Spring means 31 presses against the lower end of the lever 27 to keep the pin 29 in contact with the latch member 30.

A pointed cap 32 is shown in Fig. 5 which fits over the bottom portion of the fountain pen holder 14. When the cap 32 is in this position, the holder 1 with the sections 2 and 3 in an open position may be used as a compass.

The holder 1 is ordinarily in the position shown in Fig. 1 wherein the pencil 21 projects through the free end of the holder 1 and the pen 20 takes a position with the pen point projecting upwardly within the holder 1. This position of the pen 20 keeps the ink from running when the pen 20 is not in use. When it is desired to use the fountain

pen 20, the lever 27 is pulled outwardly whereby the pin 29 is drawn back free of the latch member 30 which permits the sections 2 and 3 to swing apart. The sleeve 17 on the pencil holder 15 is freed from the lug 19 and the pencil holder 15 is swung to a position shown in Fig. 2. The pen holder 14 is then swung downwardly to a position shown in Fig. 2 and the sleeve 16 is moved over the lug 18. The two sections 2 and 3 are then brought together and locked. The pen holder 14 is now in a writing position and the pen 20 may be filled by means of the sliding member 23 operated from the outside of the holder 1.

If a compass is desired, the pointed cap 32 is placed over the pen point and secured to the lower portion of the pen holder 14 by any suitable means although a friction fit is all that is necessary. The pencil holder 15 is then swung down to its normal position.

It will be apparent that I have provided a holder for a fountain pen and a mechanical pencil which provides an efficient and economical means for carrying a fountain pen and a mechanical pencil in one holder and which may be used as a compass.

Various changes may be made in the specific embodiment of the present invention without diverting from the spirit of the invention, or within the scope of the appended claims.

What I claim is:

1. The combination with a substantially tubular body portion comprising two semi-circular sections pivotally connected at one end thereof, two holders for writing instruments adapted to be disposed within said tubular portion, a writing instrument disposed in one of said holders, and a pointed cap fitting over the end of the other of said holders, the point on said cap and one of said writing instruments cooperating to form a compass.

2. In a device of the character described, a tubular body portion comprising two pivotally connected semi-circular sections, a fountain pen holder detachably and hingedly connected to one of said sections, a mechanical pencil holder detachably and hingedly connected to the other of said sections, and a fountain pen in one holder and a mechanical pencil in the other holder, said hinged connections permitting one of said instruments to be disposed in a writing position while the other of said instruments is disposed within said tubular body portion.

3. A combined fountain pen and pencil holder comprising a substantially cylindrical body portion disposed in a plurality of sections pivotally connected at one end thereof, two holders for instruments, a writing instrument carried by one of said holders, and another instrument carried by the other of said holders, and connections for said holders on said body permitting one of said holders to be disposed within said cylindrical body portion while the other holder extends outwardly from said cylindrical body portion.

4. A device as claimed in claim 3, wherein means are provided for locking said sections together.

5. The combination with a substantially tubular body portion comprising a plurality of sections pivotally connected at one end thereof, a plurality of holders connected to said sections, a fountain pen disposed in one of said holders, and a mechanical pencil disposed in another of said holders, said holders being connected in such a manner that they may extend through the end of said tubular portion or they may be disposed totally within said tubular portion.

6. A device as claimed in claim 5, wherein means are provided for filling the fountain pen externally.

7. The combination with a substantially tubular body portion comprising two semi-circular sections pivotally connected at one end thereof, two holders for writing instruments adapted to be disposed within said tubular portion, a writing instrument disposed in one of said holders and a fountain pen in the other of said holders, and means associated with one of said sections and cooperating with one of said writing instruments to form a compass.

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