

C. STOCKMANN.
Fountain-Pen.

No. 205,437.

Patented June 25, 1878.

Fig. 1.

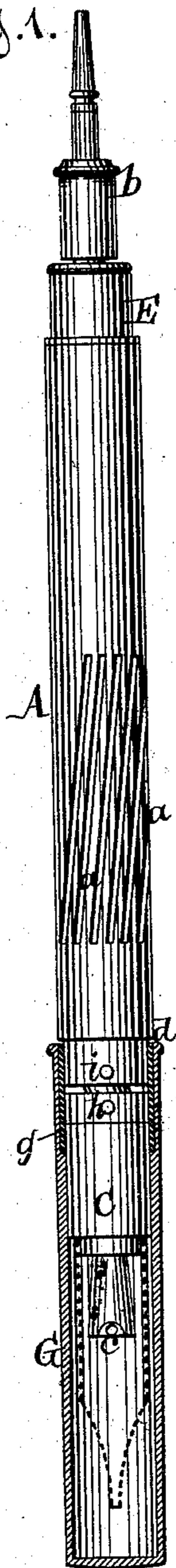


Fig. 2.

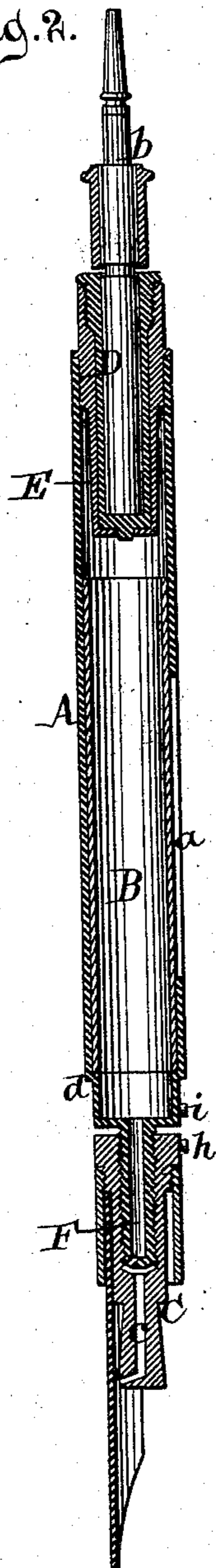
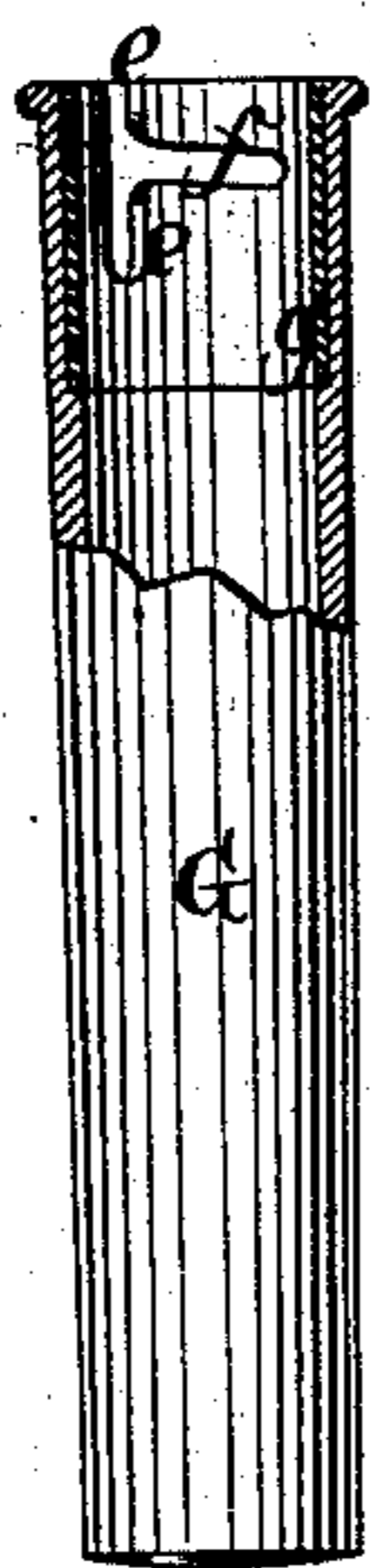


Fig. 3.



Witnesses.
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by his attys
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CHRISTOPHER STOCKMANN, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN FOUNTAIN-PENS.

Specification forming part of Letters Patent No. **205,437**, dated June 25, 1878; application filed June 5, 1878.

To all whom it may concern:

Be it known that I, CHRISTOPHER STOCKMANN, of Brooklyn, county of Kings, and State of New York, have invented a new and useful Improvement in Fountain-Pens; which invention is fully set forth in the following specification, reference being had to the accompanying drawing, in which—

Figure 1 represents a side view of my pen, partly in section. Fig. 2 is a longitudinal central section thereof when the nib-protector is removed. Fig. 3 is a sectional side view of the nib-protector.

Similar letters indicate corresponding parts.

My invention consists in combining, with a hollow handle, a nib-holder and a pencil-holder, which are attached to the respective ends of the handle, the nib-holder being provided with an ink-conduit, and the pencil-holder constituting a plug or stopple for closing the filling end of the handle. I provide the hollow handle with a screw-nipple at its lower end and combine therewith a cup-shaped nib-holder, which is provided with an internal screw-thread fitting the nipple, and with an ink-conduit, so that, when the nib-holder is screwed up tight on the nipple, the escape of ink is prevented, while, when the nib-holder is slightly unscrewed, the ink is permitted to escape. With the hollow handle and the nib-holder are combined two spurs, respectively projecting from the lower part of the handle and the upper part of the nib-holder, and a nib-protecting cap or sheath, which is fitted on the lower part of the hollow handle and provided with an internal T-shaped groove or slot, so that when this cap is adjusted on the end of the hollow handle so as to bring the two spurs in the T-shaped groove, and the cap is then turned, the latter becomes locked, while the nib-holder partakes of its motion and thus becomes tightened.

In the drawing, the letter A designates the hollow handle of my pen, in the interior of which is arranged the usual elastic ink-reservoir B, and in the side of which are formed slits *a* to permit of compressing this reservoir, and thus ejecting the ink. The slits *a* are arranged in that part of the circumference of the handle A which is grasped by the thumb and forefinger in writing, in contradistinction

to being arranged around its entire circumference, in order to preserve the strength of the handle to the greatest extent.

The letter C designates the nib-holder, and D is the pencil-holder of my pen. The pencil-holder D is formed by constructing the plug or stopple by which the filling end of the handle A is closed with a socket of suitable shape to receive a pencil, *b*. In the example shown the pencil *b* is of telescopic form, so that when the same is not in use the lead part thereof can be sheathed; but, if desired, an ordinary wooden pencil may be placed in the holder. The holder D is screwed into a cup, E, which is inserted in the upper end of the handle A, and against the lower perforated end of which the holder closes.

The letter F designates a screw-nipple formed on the lower end of the handle A. This nipple is preferably made of conical shape at its lower or free end, and it opens laterally, as clearly shown in Fig. 2.

The nib-holder C is cup-shaped, and provided with an internal screw-thread corresponding to the thread of the nipple F, and in the lower part of the nib-holder is formed a conduit, *c*, opening laterally, and serving to convey the ink to the nib that may be contained in the holder. When it is desired to allow the ink to flow to the nib, the nib-holder C is simply unscrewed, as shown in Fig. 2, while, in order to shut off the ink, the nib-holder is screwed up tight, so as to cover and close the orifice of the nipple F.

The letter G designates a cap serving to protect the nib in the nib-holder C. This protecting-cap G is fitted on the lower part of the handle A, and it rests against a shoulder, *d*, when placed thereon, as seen in Fig. 1. *e f*, Fig. 3, designate a T-shaped groove formed in the inner surface of the protecting-cap G, the part *e* of this groove extending inwardly from the edge of the cap, and the part *f* extending horizontally or obliquely from the part *e*. That part of the cap G having the T-shaped groove *e f* is preferably provided with a metallic lining, *g*.

From the upper part of the nib-holder C and the lower part of the handle A project spurs *h* and *i*, the length of which is equal to the depth of the groove *e f* of the nib-protecting cap,

and which are so arranged that, when the nib-holder *c* is unscrewed to allow the ink to escape, they are in a corresponding plane lengthwise of the handle, as shown in Fig. 1.

When it is desired to place the cap *G* on the handle *A*, the spurs *h i* should be in the position named, and the cap held so that the longitudinal portion *e* of the groove in the cap is brought opposite to the spurs. The cap is then pushed home, whereby the spur *h* of the nib-holder is brought in the end of the longitudinal part *e* of the groove, while the spur *i* of the handle is brought opposite to the horizontal or oblique portion *f* thereof. The cap *G* is then turned and becomes locked in position by the part *f* of the groove and the spur *i*, while by the same movement the nib-holder *C* is turned and screwed up tight, so as to shut off the ink. I thus insure the shutting off of the ink when the cap *G* is fastened on the handle *A*—that is to say, when the nib or pen proper is not in use—while the parts are also brought to a position to permit the ink to escape when the cap is removed. In some cases I provide the cap *G* at its closed end with a receptacle for pencil-leads.

It may be remarked that the pencil-holder *D* can be arranged in various different ways than the one shown.

What I claim as new, and desire to secure by Letters Patent, is—

1. The hollow handle *A*, having at one end a tubular nipple, *F*, provided with a closed end and lateral opening or openings and an

external screw-thread, in combination with the nib-holder *C*, having an ink-conduit and an internal screw-thread adapted to the nipple, said nib-holder having a seat at the end of the ink-conduit, upon which the closed end of the nipple is adapted to bear to close the lateral openings in the latter, substantially as and for the purpose described.

2. The hollow handle *A*, having the screw-threaded cup *E*, provided with a perforated lower end for filling the ink-reservoir, in combination with a removable pencil-holder, *D*, having an external screw-thread, and adapted to set and screw within the cap and serve as a stopper, substantially as and for the purpose described.

3. The combination, with a hollow handle, *A*, having a screw-nipple at its lower end and having a radial spur on its lower part, of a cup-shaped nib-holder, which is provided with an internal screw-thread to fit said nipple, provided with an ink-conduit and with a spur on its upper part, and a nib-protecting cap which is fitted on the lower part of the hollow handle, and provided with a T-shaped internal groove or slot to engage with said spurs, substantially as and for the purpose described.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 1st day of June, 1878.

CHRISTOPHER STOCKMANN. [L. S.]

Witnesses:

W. HAUFF,

CHAS. WAHLERS.