

(No Model.)

F. J. W. FISCHER.

HOLDER FOR PENS, PENCILS, &c.

No. 356,996.

Patented Feb. 1, 1887.

Fig. 1.

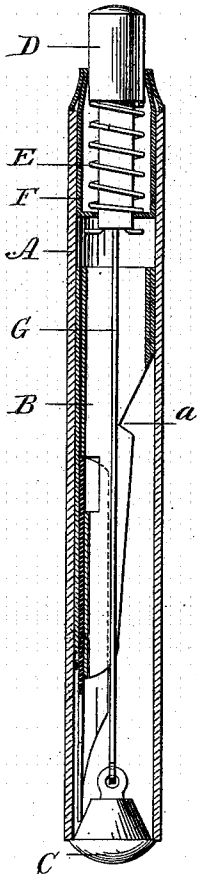


Fig. 2.

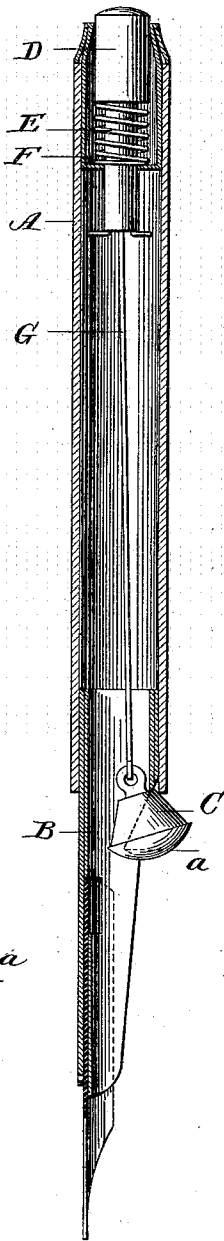


Fig. 5.

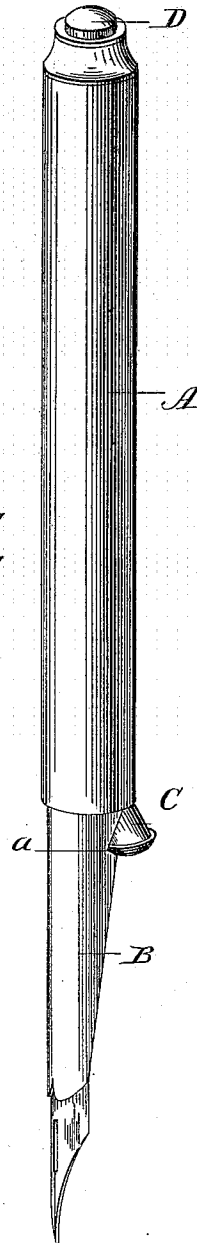


Fig. 4.

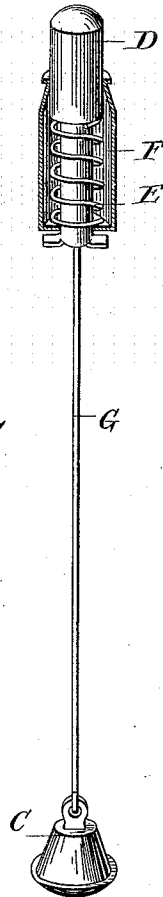
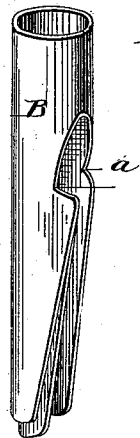


Fig. 3.



Witnesses:

H. N. Low
E. A. Dick

Inventor:

Frederick J. W. Fischer
by Maxwell Dailly
his attorney

UNITED STATES PATENT OFFICE.

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HOLDER FOR PENS, PENCILS, &c.

SPECIFICATION forming part of Letters Patent No. 356,996, dated February 1, 1887.

Application filed October 14, 1886. Serial No. 216,252. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK J. W. FISCHER, of Jersey City, in the State of New Jersey, have invented certain new and useful Improvements in Holders for Pens, Pencils, and other Articles, of which the following is a specification.

This invention is an improvement on that kind of a holder for pens, pencils, and other articles which is known as a "drop" or "gravity" holder—that is to say, a holder in which the pen, pencil, or other article is combined with a sheath or case in which it can move back and forth within prescribed limits, and with locking or retaining mechanism by which it is held either in protruded or in retracted position.

An article of this general description is disclosed in Letters Patent heretofore granted to myself and to others, and notably in Reissued Letters Patent No. 10,335, of June 5, 1883.

The improvement, generally stated, consists in combining, with the sheath, the pressure-cap, and the retracting-spring of such a holder, a plug or stopper which is adapted to fit and close the mouth of the sheath, and a "pusher-rod" connected at one end to the pressure-cap and hinged or loosely jointed at the other end to the plug or stopper. The pusher-rod, through the action of the retracting-spring, serves to draw the plug or stopper into or over the mouth of the sheath, so as to close it. By depressing the pressure-cap against the stress of the spring the pusher-rod is moved forward, carrying with it the plug or stopper, which, by reason of its being hung loosely to the rod, will tilt to one side to permit the pen or other article contained within the sheath to protrude beyond it. The whole device is cheap, easily made, and efficient.

The nature of my invention and the manner in which the same is or may be carried into effect can best be explained and understood by reference to the accompanying drawings, in which—

Figure 1 is a longitudinal central section of a holder embodying my invention in its simplest form, the pen-holder proper being represented in retracted position. Fig. 2 is a like section with the pen-holder proper in

protruded position. Fig. 3 is a perspective view of the pen-holder proper detached. Fig. 4 is a perspective view of the cover or stopper and mechanism for operating the same. Fig. 5 is a perspective view of the complete device with the pen-holder proper protruded and locked in position by the cover or stopper.

The device consists of a tubular sheath or case, A, which is the handle, a tubular pen-holder proper, B, loose within the sheath and free to slide back and forth therein, a cover or stopper, C, fitted to and adapted to close the mouth of the sheath, a pressure-cap, D, a retracting-spring, E, a spring-case, F, fitting and secured in the rear end of the sheath, and a pusher, G, which in this instance is a rod passing through an aperture in the bottom of the spring-case, (in which it can slide,) attached at its rear end to the pressure-cap and jointed or linked at its front end to the cover or stopper C. The part C is thus hung to the pusher somewhat after the fashion of a bell-clapper, and when pushed forward away from the mouth of the sheath can be tilted or pushed to one side. The pusher-rod passes through the interior of the tubular pen-holder proper. Under the arrangement shown the cover or stopper is spring-controlled and normally held in a position, as shown in Fig. 1; in which it closes the mouth of the sheath, thus preventing ink from getting out or dirt from getting in. When the device is held mouth downward and the pressure-cap is pushed forward, the cover or stopper is thereby caused to drop away from the mouth of the sheath, and the pen-holder proper then descends by gravity as far as permitted, pushing to one side the cover. At the point in the pen-holder opposite which the cover comes when the former has dropped as far as it can there is formed a notch or indentation, *a*, into which the cover, when pressure is removed from the pressure-cap, is drawn by the stress of the retracting-spring, thus locking the pen-holder in its protruded position. Thus the cover serves not only as a cover, but also as a detent to hold the pen-holder proper in either one of the two positions represented in Figs. 1 and 2, respectively.

Having described my improvement and the

best way now known to me of carrying the same into effect, what I claim herein as new and of my own invention is as follows:

The combination of the sheath or handle, the freely-sliding pen-holder or other article contained therein and provided with a tubular shank or stem, the pressure-cap, the retracting-spring, the pusher-rod connected to said pressure-cap, and the cover or stopper hinged or loosely jointed to the pusher-rod

and arranged and adapted to operate in connection with the sheath and the pen-holder, substantially as and for the purposes hereinbefore set forth.

In testimony whereof I have hereunto set my hand this 12th day of October, 1886.

FREDERICK J. W. FISCHER.

Witnesses:

SAMUEL KRAUS,
ED. THIEMANN.