

(No Model.)

J. HOLLAND.
FOUNTAIN PEN.

No. 415,838.

Patented Nov. 26, 1889.

FIG. 1.

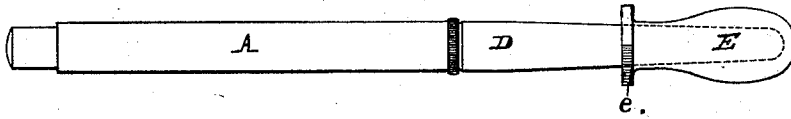


FIG. 2.

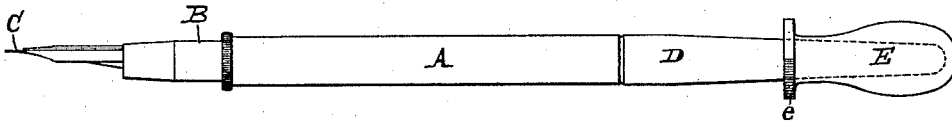
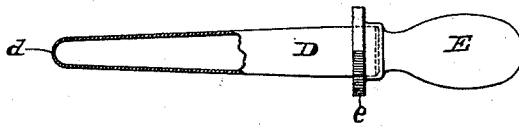


FIG. 3.



Witnesses

Frank L. Millward.
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UNITED STATES PATENT OFFICE.

JOHN HOLLAND, OF CINCINNATI, OHIO.

FOUNTAIN-PEN.

SPECIFICATION forming part of Letters Patent No. 415,838, dated November 26, 1889.

Application filed August 1, 1889. Serial No. 319,435. (No model.)

To all whom it may concern:

Be it known that I, JOHN HOLLAND, a citizen of the United States, and a resident of Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Fountain-Pens, of which the following is a specification.

My invention relates to fountain-pens; and it consists in providing this class of pens with a combined point-cover and filler for supplying the fountain with ink. One of the principal objections to the use of fountain-pens is the inconvenience of carrying a separate filler to supply the fountain and its liability to be misplaced or broken. Another objection is that with the common point-holder (which is perforated upon its sides to allow the escape of air when it is pushed over the pen-point) the pen is liable to leak should it be placed carelessly or accidentally point down in the pocket. These inconveniences are overcome by my invention, which I will first describe fully in connection with the accompanying drawings, and then particularly refer to and point out in the claims.

In the drawings, in which like parts are indicated by similar reference-letters wherever they occur through the various views, Figure 1 is a longitudinal elevation of a fountain-pen provided with my improvements, the parts being in position for carrying in the pocket. Fig. 2 is a similar view of the pen when ready for use. Fig. 3 is a longitudinal view, partly in elevation and partly in section, of the point-cover when arranged to be used as a filler.

The fountain-pen consisting of the reservoir-handle A, point-section B, and pen C may represent any of those now well known, as my invention has nothing to do with these, separately considered. The point-protector D is made of some non-corrosive material—hard rubber or metal, like the body of the pen-holder. It may be of any approved shape, the one shown being of the common form, except that it is perforated at *d* to receive the ink, which is discharged through the same perforation into the handle A.

E is a rubber bulb, such as are now commonly used upon the glass fillers or the well-known "dropper" furnished with fountain-pens, except its flange *e*, the object of which will be hereinafter explained. In Figs. 1 and 2 it is shown placed over the nozzle end of the point-protector D, in which position it is carried until it becomes necessary to supply the fountain with ink, when the bulb is removed and placed over the open end of the point-cover, as seen in Fig. 3. The bulb and point-cover thus combined forms a perfect filler, which is always at hand for use.

The flange *e* of the rubber bulb is made angular, either septagonal, hexagonal, or of other angular form. The object of this is to prevent the pen from rolling should it be laid down upon an inclined surface.

It will be seen that when the rubber bulb is placed in the position shown in Fig. 1 there is little danger of the pen being placed point down in the pocket, and if it should be there is no danger of the ink leaking out into the pocket.

I claim—

1. The point-cover and filler for fountain-pens, consisting of the cylinder D, open at one end and having the perforation *d* at the opposite end, and the rubber bulb E, adapted to be changed from one end of the cylinder to the other for the purpose of a filler or point-protector, substantially as shown and described.

2. The combination, substantially as specified, of the pen-holder, the point-cover D, and the bulb E, said bulb being adapted to fit over either end of the part D, and the part D being adapted to fit over either end of the pen-holder, for the purpose set forth.

3. The combination of the fountain pen-holder, the filler, and point-cover consisting of the parts D and bulb E, said bulb being provided with the angular flange *e*, substantially as shown and described.

JOHN HOLLAND.

Witnesses:

GEO. J. MURRAY,
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