(No Model.)

E. C. MAYLOY.

FOUNTAIN INKSTAND.

No. 500,690. Patented July 4, 1893.

Fig. 1.

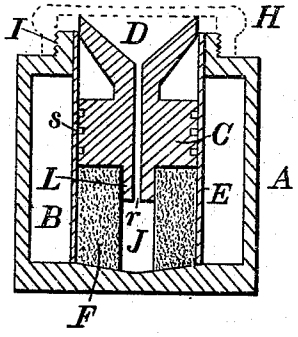


Fig. 2.

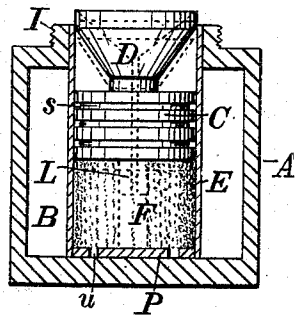


Fig. 4.

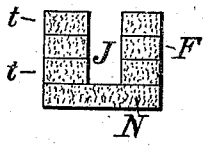
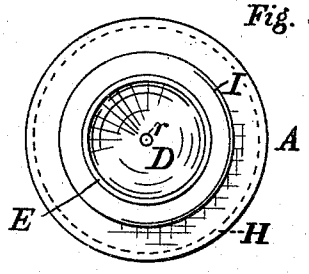


Fig. 3.



Witnesses:
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UNITED STATES PATENT OFFICE.

EDWARD C. MAYLOY, OF ROCHESTER, NEW YORK.

FOUNTAIN-INKSTAND.

SPECIFICATION forming part of Letters Patent No. 500,690, dated July 4, 1893.

Application filed October 10, 1892. Serial No. 448,430. (No model.)

To all whom it may concern:

Be it known that I, EDWARD C. MAYLOY, a citizen of the United States, residing at Rochester, in the county of Monroe, in the State of New York, have invented certain Improvements in Fountain-Inkstands, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to certain improvements in fountain-inkstands, which improvements are fully described and illustrated in the following specification and the accompanying drawings,—the novel features thereof being specified in the claims annexed to the said specification.

My improvement in fountain-inkstands are represented in the accompanying drawings, in which—

Figure 1 is a central vertical section. Fig. 2 is a sectional elevation, representing a modification. Fig. 3 is a plan view. Fig. 4 is a section representing a modification of the elastic pad.

My present invention relates more particularly to the employment of an elastic absorbent pad in the inkstand shown in Patent No. 484,106, dated October 11, 1892.

A represents an ink-well or reservoir, of any suitable shape or dimensions, and preferably for pocket use, provided with a threaded neck I, and screw-cap H. The interior of the ink-well forms a receptacle B for ink, and a tube E extends from the top to the bottom of the ink-well. Inside the tube is fitted the piston C, provided with the funnel D, and having a perforation *r* extending through it. Below the piston inside the tube is placed the elastic absorbent pad F, which becomes saturated with ink and discharges it, when the piston is forced down by dipping the pen in the funnel, through the passage *r* into the cavity of the funnel. The piston is grooved circumferentially, as indicated at *s*, for the purpose of forming a packing and making the piston tight in the tube E without producing unnecessary friction. Any suitable material may be used for the elastic pad, such as felt, or asbestus, but I prefer a pad made of asbestus fiber and india-rubber. The elasticity of the pad serves as a spring to restore the piston and funnel after they have been depressed by the pen. The pad may be either solid, or perforated, as indicated at J, Fig. 1. If made with the perforation J, it is preferable to provide the piston with the perforated extension L, which partially fills the open space in the pad. The pad may be made of a series of separate rings, as indicated at *t t*, Fig. 4, either with or without the bottom N made of a disk of the same material as the rings. A perforated bottom P, provided with openings *u* may be placed below the pad as shown in Fig. 2. The ink will find its way from the reservoir to the pad between the lower end of the tube and the bottom of the ink-well, but one or more special lateral passages may be made for this purpose.

I claim—

1. The combination, in a fountain-inkstand, of the ink-reservoir, the inner tube open at its upper end, extending from the top to the bottom of the reservoir, the perforated piston arranged to reciprocate freely in the tube and carrying the funnel, and the elastic absorbent pad located in the tube below the piston, substantially as described.

2. The combination, in a fountain-inkstand, of the ink-reservoir, the inner tube open at its upper end and extending from the top to the bottom of the reservoir, the perforated circumferentially grooved piston arranged to reciprocate freely in the tube and carrying the funnel, and the elastic tube below the piston, substantially as described.

3. The combination, in a fountain-inkstand, of the ink-reservoir, the inner tube open at its upper end and extending from the top to the bottom of the reservoir, the perforated piston arranged to reciprocate freely in the tube and carrying the funnel, and the perforated elastic absorbent pad located in the tube below the piston, substantially as described.

4. The combination, in a fountain-inkstand, of the ink-reservoir, the inner tube open at its upper end and extending from the top to the bottom of the reservoir, the perforated piston arranged to reciprocate freely in the tube, and carrying in the funnel fitted to the tube at its margin, and the elastic absorbent

pad located in the tube below the piston, substantially as described.

5. The combination, in a fountain-inkstand, of the ink-reservoir, the inner tube open at its upper end and extending from the top to the bottom of the reservoir, the perforated piston, arranged to reciprocate freely in the tube, carrying the funnel and provided with a perforated downward extension, and the perforated elastic absorbent pad located in the tube below the piston, substantially as described.

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