

No. 704,691.

Patented July 15, 1902.

A. L. BAER.
FOUNTAIN HOLDER FOR PENS.

(Application filed Aug. 28, 1901.)

(No Model.)

Fig. 1.

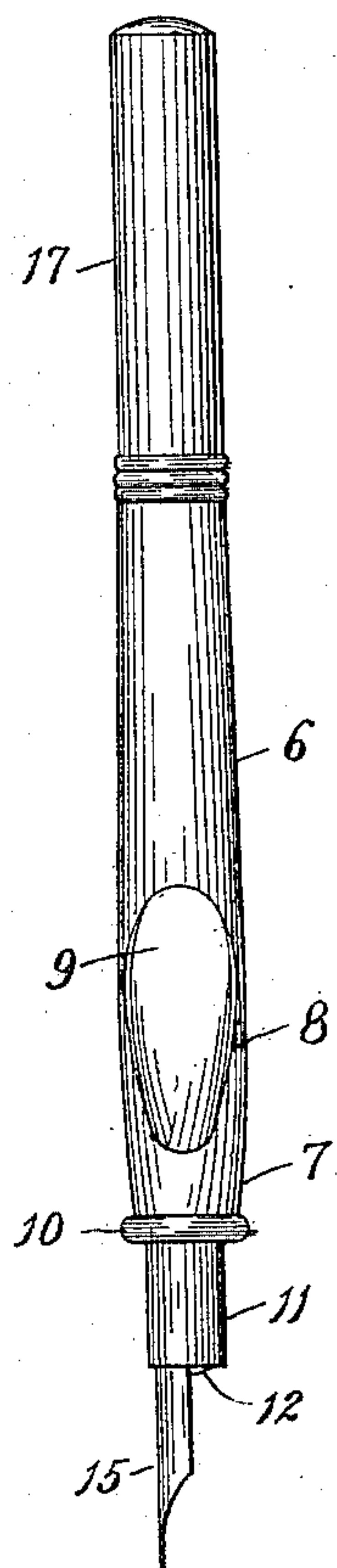


Fig. 2.

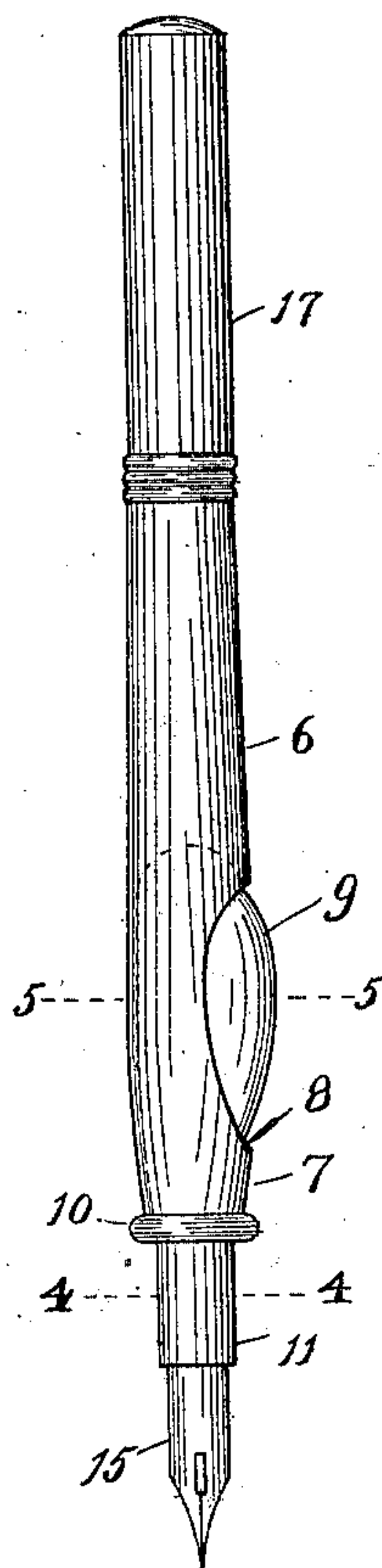


Fig. 3.

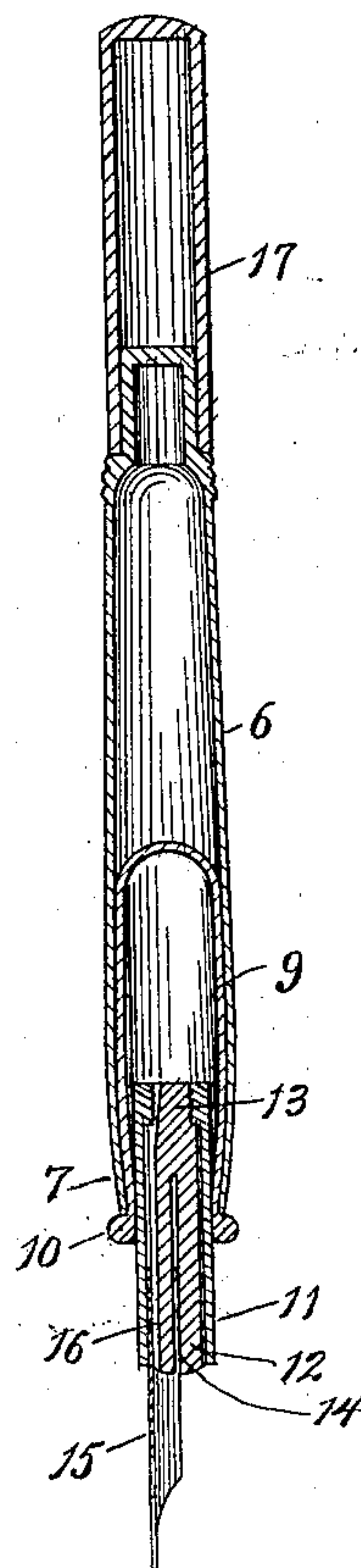


Fig. 4.

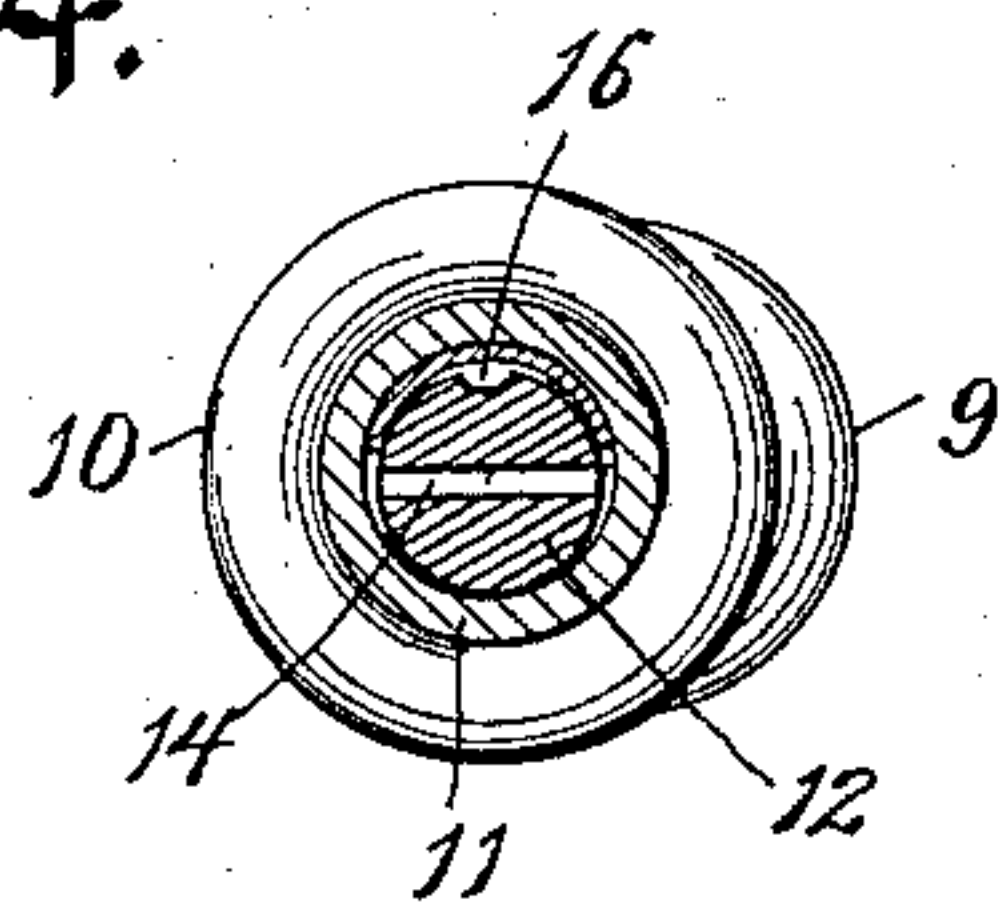
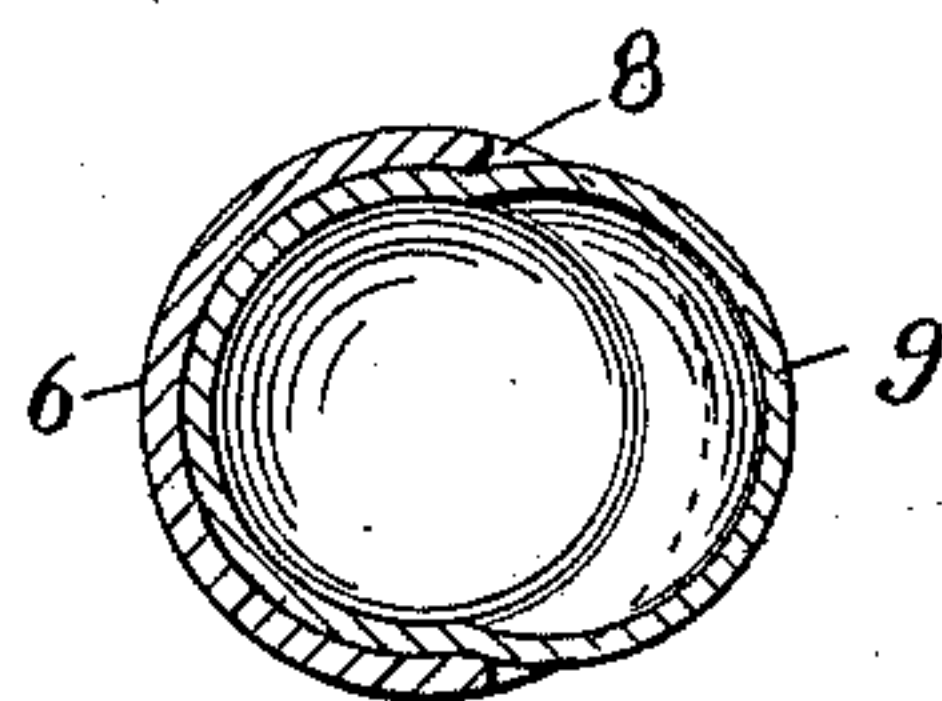


Fig. 5.



Witnesses.

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UNITED STATES PATENT OFFICE.

ABRAHAM L. BAER, OF MILWAUKEE, WISCONSIN.

FOUNTAIN-HOLDER FOR PENS.

SPECIFICATION forming part of Letters Patent No. 704,691, dated July 15, 1902.

Application filed August 26, 1901. Serial No. 73,224. (No model.)

To all whom it may concern:

Be it known that I, ABRAHAM L. BAER, a citizen of the United States of America, residing at 810 Wells street, Milwaukee, Wisconsin, have invented a new and useful Improvement in Fountain-Holders for Pens, of which the following is a description, reference being had to the accompanying drawings, which are a part of this specification.

10 The object of my invention is to provide a fountain-holder for a pen that while it is neat in form, simple in construction, and of suitable size and form to be conveniently and properly held in the hand for writing with
15 the pen is also comparatively inexpensive to manufacture, is adapted readily by automatic action to take up and hold a considerable supply of ink, which it freely and properly discharges or is readily actuated to discharge
20 onto the pen, and which is capable of taking and holding for use any of the many forms of metal pens now in common use. The advantages of an inexpensive penholder capable of holding a considerable supply of ink,
25 which is or can be positively discharged onto the pen as required, and with which any form of steel pen, sharp-pointed or stub-pointed, can be used interchangeably at the option of the user will be readily understood.

30 The invention consists of a holder, its parts, and combinations of parts, as herein described and claimed, or the equivalents thereof.

In the drawings, Figure 1 is a side view of
35 the complete holder with a pen removably fixed therein, the view being of that side of the penholder which in use is toward the thumb of the hand in which the penholder is held. Fig. 2 is a view of the complete penholder and pen therein, the view being at a
40 right angle to the view in Fig. 1. Fig. 3 is a longitudinal section centrally of the penholder and pen, the section being at a right angle to the view of the holder in Fig. 2. Fig. 4 is a
45 transverse section on line 4 4 of Fig. 2, and Fig. 5 is a transverse section on line 5 5 of Fig. 2.

Referring to the drawings, 6 is the tubular body or case of the penholder, which at its
50 lower end is slightly contracted, as seen at 7, at and near to its open end. This tubular

case 6 is provided near its lower end with an aperture 8 through its side, which aperture is located at the place opposite the thumb of the hand of the user when the holder is held
55 in the hand for writing in the manner common for holding pens for writing. This aperture 8 is preferably elongated and of oval form. Within the lower end of the case 6 is placed an ink well or fountain, consisting of
60 a tubular or bulbous bag or receptacle 9, closed at its upper end and open at its lower end. This receptacle is of some elastic material, preferably rubber, and is fitted air-tight at its lower end in the case 6 and above
65 is preferably greater in diameter than the diameter of the case 6, so that it projects normally laterally through the aperture 8, as shown in Figs. 2 and 5. The receptacle 9 is
70 advisably provided with a terminal ring or rib 10, that fits against the lower end of the case 6 and assists in making the fit of the receptacle air-tight in the case and also prevents the receptacle from being pushed up
75 unduly into the case.

The lower end of the case is provided with a plug that fits removably into the case within the receptacle 9, thereby substantially closing the otherwise open lower end of the receptacle 9. This plug consists of a tubular shell
80 11 and an interior core 12. The core 12 at its upper end is provided with a contracted terminal portion or tang 13, having an exterior screw-thread and onto which the end of the tubular shell 11 turns by its thread. The
85 core 12 is slightly less in diameter than the diameter of the interior of the shell 11, and the core 12 is also split at 14 longitudinally a distance from this lower end, the construction being such that a pen 15, as commonly
90 made, is readily inserted in the plug between the core and the shell and is thereby held removably in position for writing. The plug fits firmly and removably in the case 6, whereby it is maintained steadily in position relative to the case. A duct or passage 16 is provided in the plug, leading from its upper end through the plug in the core 12 and at its lower end advisably in the surface of the core
95 alongside the space between the core and shell, in which space the pen is inserted. This locates the duct for the discharge of ink
100

from the reservoir or fountain above directly in front of and open to the front or concave surface of the pen.

The construction is such that when the 5 parts are put together, as shown in Fig. 3, the fountain or well may be filled with ink by compressing the fountain or receptacle 9 at and through the aperture 8 and then inserting the lower end of the holder in an open 10 supply of ink and then removing pressure on the receptacle, when the receptacle by its own elasticity will expand and suck a supply of ink up into it, thus filling it for use. Thereupon the person using it can write freely with 15 the pen, the ink flowing, as needed, downwardly through the duct 16 to the pen, and if the supply of ink for any reason ceases to flow, as by the duct 16 becoming clogged with thickened or dried ink, a slight pressure of 20 the thumb on the receptacle at the aperture 8 will at once cause a supply of ink to be forced through the duct 16 to the pen, thus obviating any failure of a constant and sufficient supply of ink to the pen.

25 A cap 17, of tubular form, closed at one end, is of such size and so open at one end as to be adapted to be placed over the pen 15 and onto the plug in the case 6, fitting at its end against the rib 10, so as to cover and protect 30 the pen when not in use and so as to be readily carried in one's pocket. This cap 17 is also made to fit on the contracted upper end of the case 6, when it is removed from the lower end of the case, so that it serves a purpose of elongating the holder 6, making it 35 when thus elongated more suitable for use as a penholder.

The case, the plug, and the cap may be made of hard rubber or of metal or of any 40 other suitable material, though hard rubber is advised because of its strength, its durability, its lightness, and its non-corrosive quality.

What I claim as my invention is—

1. A fountain-holder for a pen, comprising

a tubular case having a lateral aperture, an 45 elastic compressible ink-holding receptacle in the case and accessible laterally through the aperture for pressure by the hand of the user, and a pen-holding plug inserted removably 50 in the otherwise open end of the receptacle in the case and pressing the walls of the receptacle against the case thereby substantially closing the otherwise open end of the receptacle, the plug being provided with a 55 duct longitudinally of the plug permitting the escape of ink limitedly through it from the receptacle to the pen.

2. In combination, a tubular case open at one end and having a lateral aperture at a little distance from the open end, an elastic com- 60 pressible bag-like ink-receptacle in the case exposed at the lateral aperture permitting pressure thereof and fitting to the case near its open end, and a removable pen-holding 65 plug in the open end of the receptacle in the case substantially closing the receptacle, the plug comprising a tubular shell and a therein-fitting cylindrical core split from its outer end a distance longitudinally and provided 70 with an ink-duct longitudinally thereof adjacent to the shell and leading from the ink-reservoir to the inner concave surface of a pen when inserted in the plug.

3. In a fountain-holder for a pen, a tubular case open at its end, an elastic bag-like 75 receptacle in the tubular case and provided with a terminal enlarged annular rib fitting against the open end of the case, and a pen-holding ink-discharging plug inserted removably in the open end of the case and within 80 the open end of the bag-like receptacle substantially closing it.

In testimony whereof I affix my signature in presence of two witnesses.

ABRAHAM L. BAER.

Witnesses:

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EMA SCHMIDT.