

(No Model.)

W. B. MURRAY.
INKSTAND.

No. 583,654.

Patented June 1, 1897.

FIG. 1.

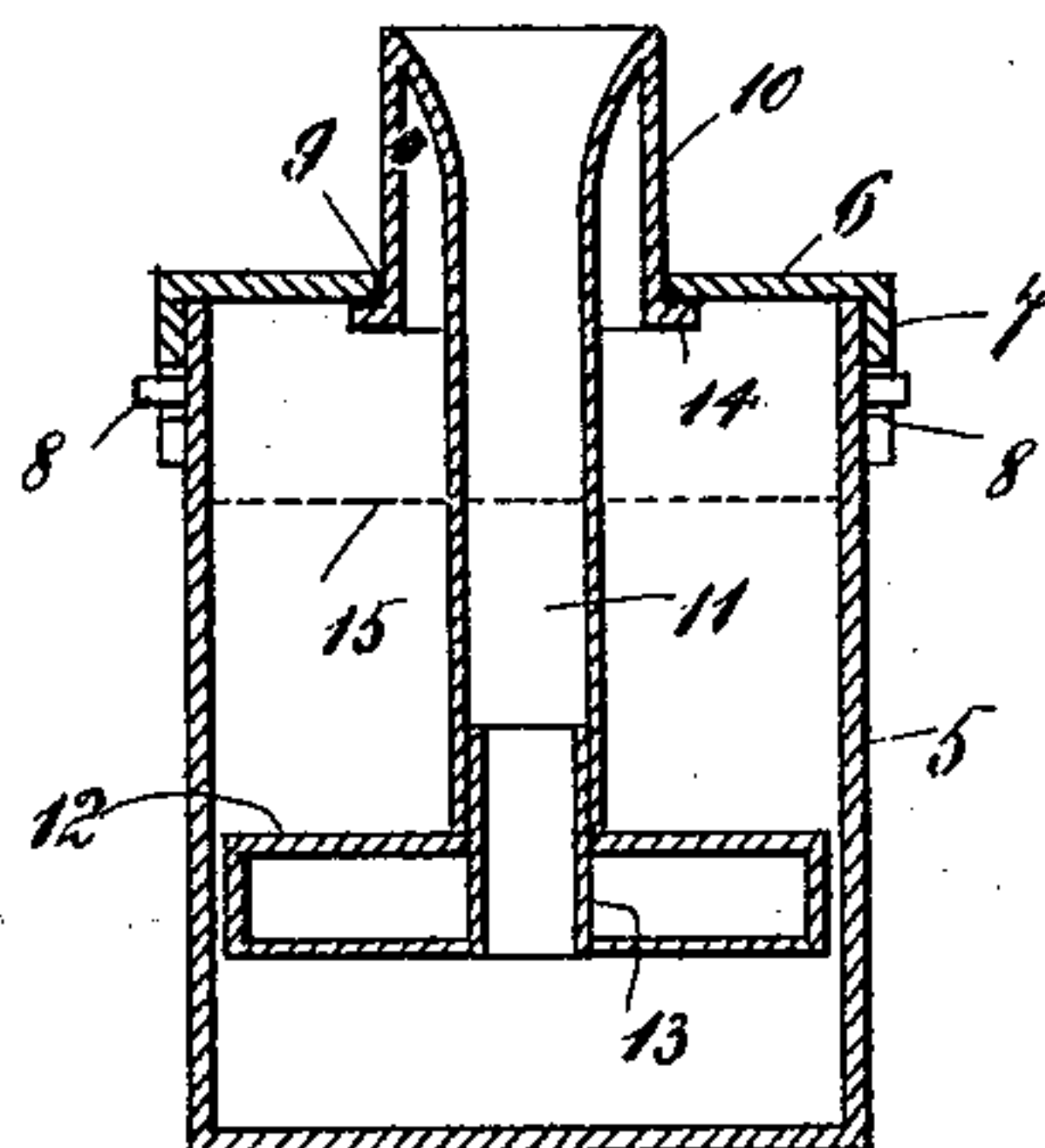
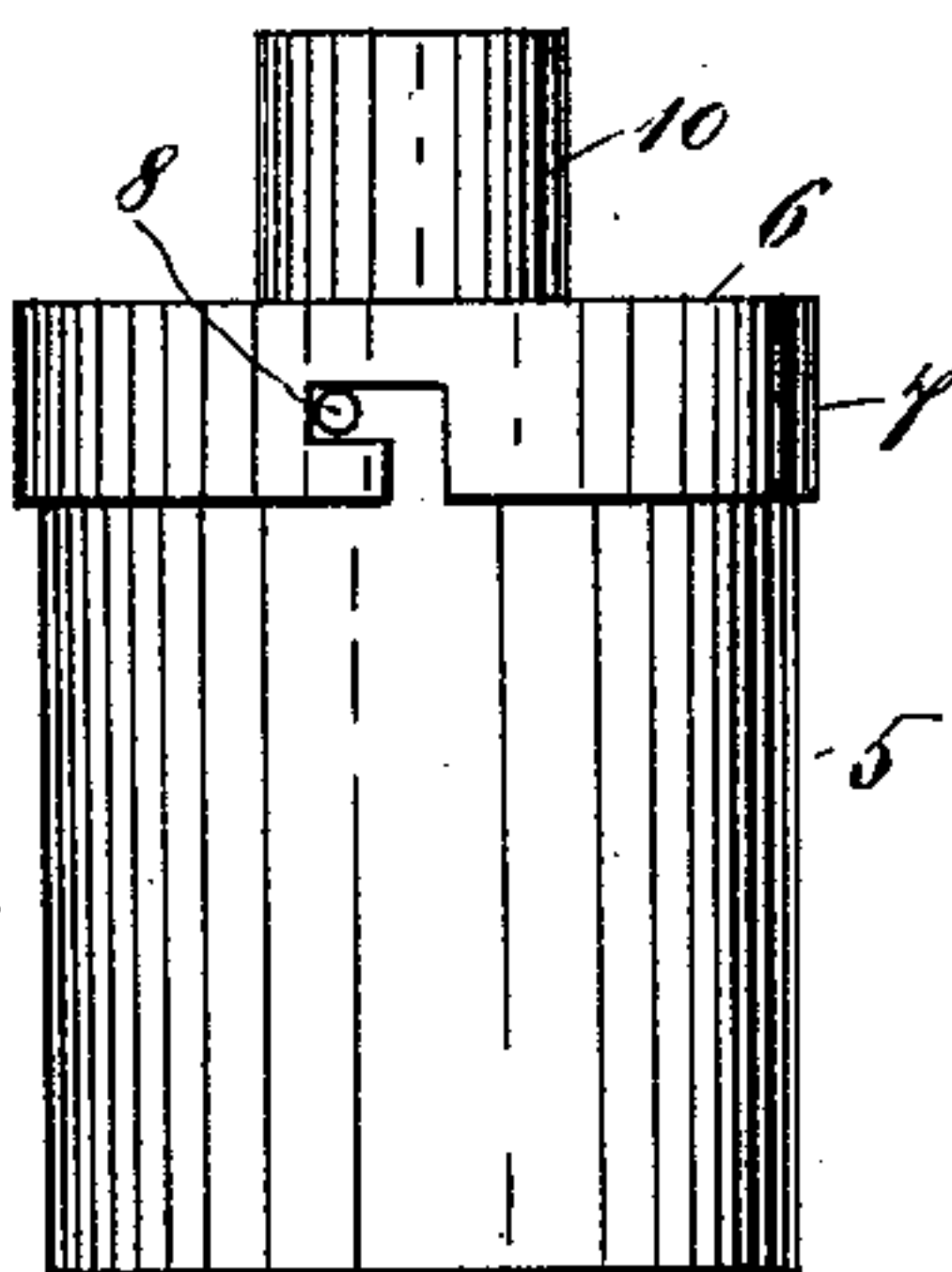


FIG. 2.



WITNESSES

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WALTER B. MURRAY, OF NEW YORK, N. Y.

INKSTAND.

SPECIFICATION forming part of Letters Patent No. 583,654, dated June 1, 1897.

Application filed July 28, 1896. Serial No. 600,788. (No model.)

To all whom it may concern:

Be it known that I, WALTER B. MURRAY, a citizen of the United States, and a resident of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Inkstands, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof, in which similar numerals of reference indicate corresponding parts wherever found throughout both views.

This invention relates to inkstands; and the object thereof is to provide an improved device of this class which is simple in construction and operation and which is designed to prevent too great evaporation and which is also so constructed as to render the use of a cork or stopper unnecessary; and with these and other objects in view the invention consists in the device hereinafter described and claimed.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which—

Figure 1 is a central vertical section of my improved inkstand, and Fig. 2 a side view thereof.

In the practice of my invention I provide an inkstand 5, which is preferably of the form shown in the drawings and which may be made of any desired material, and said receptacle is provided with a removable cap or cover 6, having a depending annular flange or rim 7, and said cap or cover is adapted to be connected with the receptacle 5 by means of a bayonet joint or coupling, as shown at 8, or an ordinary screw-thread may be substituted for the bayonet joint or coupling, the only object in this connection being to provide a cap or cover which may be quickly and easily detached from the receptacle 5 and again connected therewith.

The cap or cover 6 is provided with a central circular opening 9, in which is mounted a tubular neck 10, through which passes a tube 11, which is connected with the upper end of the neck 10, and the lower end of the tube 11 is connected with a float or piston 12, which is provided centrally thereof with a tube 13, which passes therethrough and which is open at its

upper and lower ends and by means of which the tube 11 is connected to the float or piston.

The piston or float 12 may be composed of any desired material and may be hollow, as shown in Fig. 1, if desired, and said piston or float is approximately of the same diameter as the inner diameter of the receptacle 5, but is free to move up and down in said receptacle.

The lower end of the neck 10 is provided with an annular flange 14, and said neck is free to move vertically within the cap or cover 6 or through the central opening 9 formed therein, and the operation will be readily understood from the foregoing description when taken in connection with the accompanying drawings and the following statement thereof.

In practice the receptacle 5 is preferably filled with ink up to about the dotted line 15, and, as will be understood, the piston or float 12 remains normally in the position shown in Fig. 1, in which position the flange 14 on the neck 10 bears upon the under surface of the cap or cover 6. In inking the pen the latter is inserted into the open upper end of the tube 11, and by means of the thumb or finger the neck 10, the tube 11, and the float or piston 12 are at the same time depressed. This operation forces the ink up through the tubes 11 and 13, and the pen passes thereinto, as will be readily understood, and as soon as the pressure is removed from the upper end of the neck 10 the latter is raised to its normal position by the float or piston 12, and the ink sinks in the tube 11 to the level thereof in the receptacle 5. As thus constructed it will be seen that the piston or float 12, the tube 11, and the neck 10 constitute a vertically-movable plunger having a central passage therethrough, and the upward movement of which is limited by the flange 14 on the neck 10, and that downward pressure on the plunger forces the ink up said tubular passage.

This device is simple in construction and operation, and the only part of the ink exposed to the air is that within the tube 11, and this tube 11 may, as will be understood, be made of any desired size.

It will also be understood that the receptacle 5 may be made of any desired material,

and said receptacle is preferably cylindrical in form.

Having fully described my invention, I claim as new and desire to secure by Letters
5 Patent—

As a new article of manufacture an inkstand consisting of a receptacle of any desired form, a removable cap or cover secured thereon, a depending annular flange or rim on said
10 cover and adapted to engage said receptacle, a joint or coupling engaging said receptacle and cover, said cap or cover being provided with a central opening therein, a tubular
15 neck passing therethrough, a tube passing through said neck and engaging the same at the upper ends, a float or piston in the lower

end of said tube, another tube in connection with said piston passing therethrough and being open at either end, said piston being of the same diameter as the inner diameter 20 of said receptacle, an annular flange in the lower end of said neck, all the said parts being combined substantially as and for the purposes described and set forth.

In testimony that I claim the foregoing as 25 my invention I have signed my name, in presence of the subscribing witnesses, this 27th day of July, 1896.

WALTER B. MURRAY.

Witnesses:

M. A. KNOWLES,
B. RHEDER.