

No Model.)

F. S. BROWN.
INKSTAND.

No. 468,325.

Patented Feb. 9, 1892.

Fig. 1

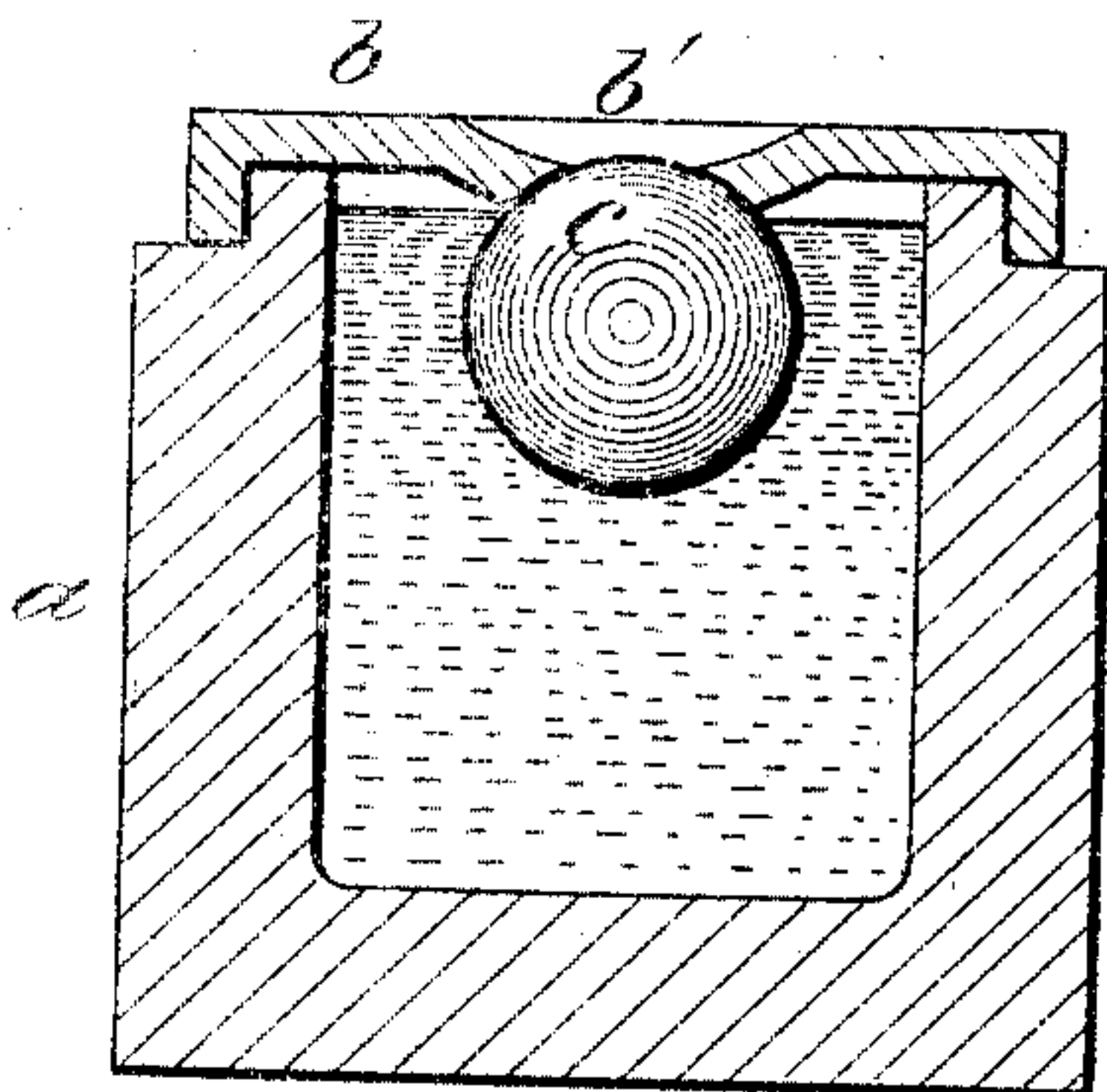


Fig. 2

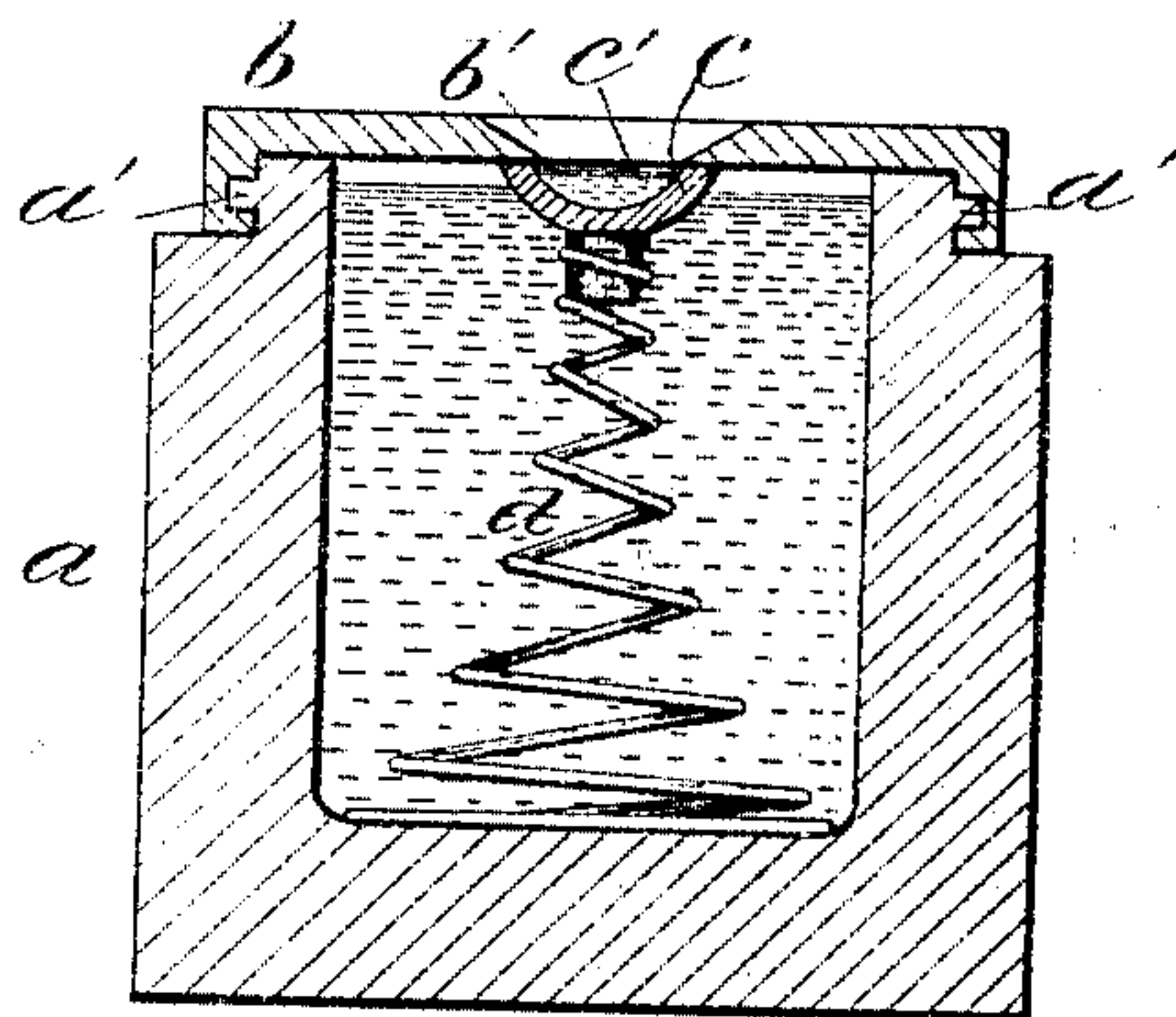


Fig. 3

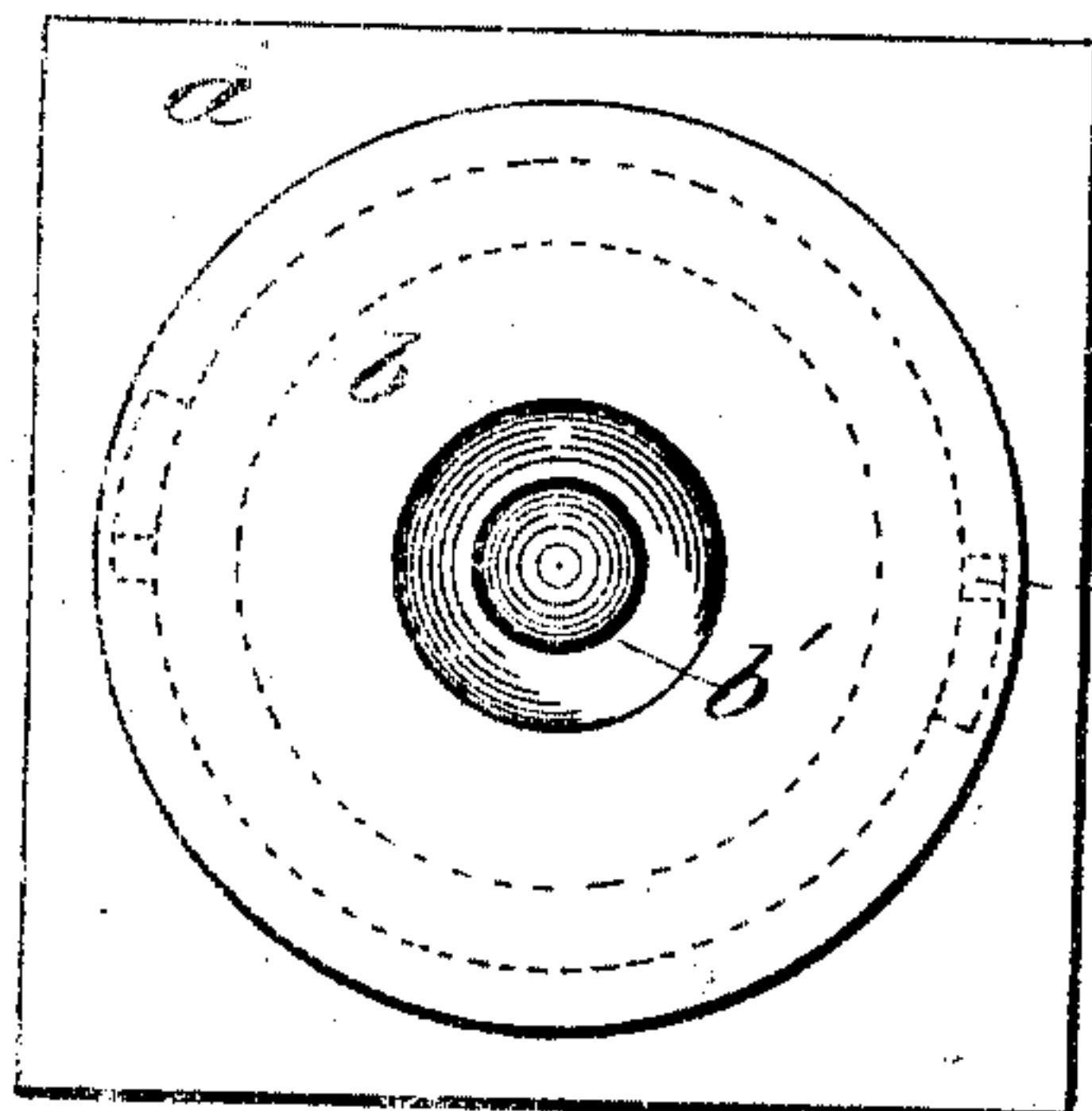
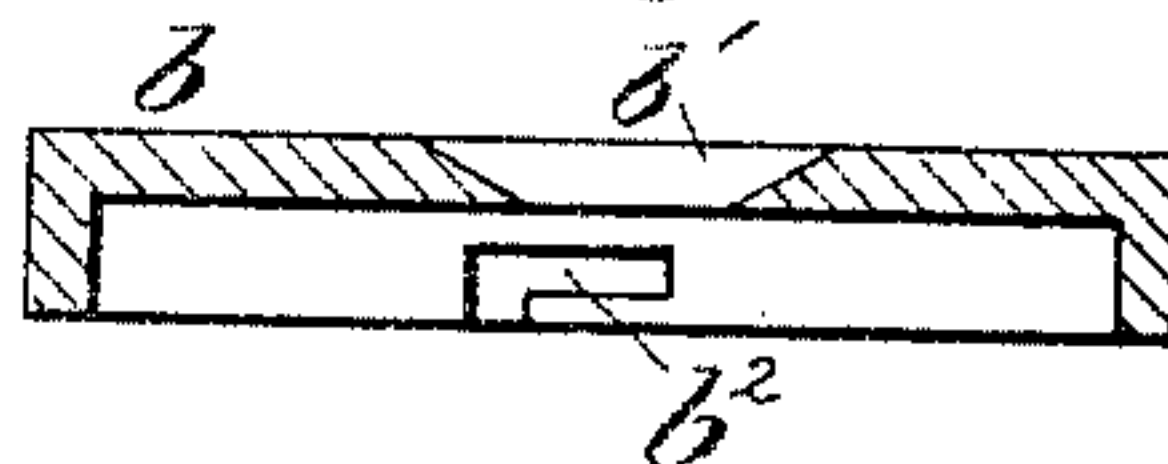


Fig. 4



Witnesses:

R. E. Bacharach.

W. B. Jenkins.

Inventor:

Frederick S. Brown
& Charles L. Burdett.
attys.

UNITED STATES PATENT OFFICE

FREDERICK S. BROWN, OF HARTFORD, CONNECTICUT.

INKSTAND.

SPECIFICATION forming part of Letters Patent No. 468,325, dated February 9, 1892.

Application filed February 21, 1890. (Serial No. 341,253. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK S. BROWN, of Hartford, in the county of Hartford and State of Connecticut, have invented certain
5 new and useful Improvements in Inkstands, of which the following is a full, clear, and exact description, whereby any one skilled in the art can make and use the same.

The object of my invention is to provide an
10 inkstand with a self-sealing valve that shall keep the inkstand practically closed and at the same time render the ink in the well or stand easy of access for use.

To this end my invention consists in an
15 inkstand having a cover with an opening and an internal valve pressing upward from within the inkstand in such manner as to temporarily close the opening with a yielding pressure; and it further consists in details of
20 the several parts making up the device as a whole, as more particularly hereinafter described, and pointed out in the claim.

Referring to the drawings, Figure 1 is a view in central vertical section of an ink-
25 stand embodying one feature of my invention. Fig. 2 is a detail view, in central vertical section, of an inkstand embodying another form of the invention. Fig. 3 is a detail top view of the inkstand. Fig. 4 is a detail view
30 of the inside of the cover, showing the locking-channel.

In the accompanying drawings the letter *a* denotes the body of the inkstand; that may be made of any convenient material adapted
35 to hold the ink. *b* denotes the cover, having an opening *b'*, through which the point of a pen may be dipped for the purpose of obtaining a supply of ink, and *c* the valve closing the opening from below. The valve may consist
40 of a hollow ball floating in the ink and thrusting upward against the under part of the opening, the under side of the cover being so shaped as to receive the ball and tend to hold it centrally of the opening. A downward pressure upon the projecting part of
45 the ball with the point of a pen will enable a supply of ink to be obtained. A hollow rubber ball or a ball of a very light material covered with a protecting-varnish may be used
50 as the floating valve.

Instead of being made in the shape of a sphere, the valve may be cup-shaped, as shown in Fig. 2, and be supported upon a spring *d*, one end of which thrusts against the bottom of the ink-well and the other against the under side of the valve, to which it is connected
55 by the end of the spring being wrapped about the stem of the valve. The upper part of the valve has a small recess *c'*, adapted to hold a small supply of ink, which, when exhausted, can be replenished by simply pushing down
60 upon the valve; as with the point of a pen, until its upper surface is dipped below the level of the ink within the well, when by a withdrawal of the pressure the valve is at
65 once lifted into contact with the under side of the cover and a small additional supply is provided, the contact of the upper edge of the valve with the under side of the cover being sufficiently close to prevent the evaporation
70 of the main body of ink from the well. The preventing of this rapid evaporation of the ink by the employment of a valve for automatically closing the opening in the cover is one of the main objects of my invention.
75

The precise form of valve or the precise means of thrusting it against the under side of the cover adjacent to the opening is not material to my invention.

The cover of the inkstand may be of any
80 desired material and may be secured to the stand by means of a screw-thread or by providing the lugs *a'* on the neck, adapted to engage the locking-socket *b''* in the inner side of the flange of the cover.
85

I claim as my invention—

In combination with an inkstand, a cover having an opening and provided on its side with a locking-slot, the lug on the body of the ink-well, adapted to engage said slot, the valve
90 located within the inkstand below the opening in the cover and having a recess in its upper surface, and a spring located within the inkstand and adapted to hold the valve against the cover with a yielding pressure, all substantially as described.
95

FREDERICK S. BROWN.

Witnesses:

CHAS. L. BURDETT,
AUSTIN BRAINARD.