

(No Model.)

R. LOCKWOOD.

INKSTAND.

No. 324,393.

Patented Aug. 18, 1885.

Fig. 1.

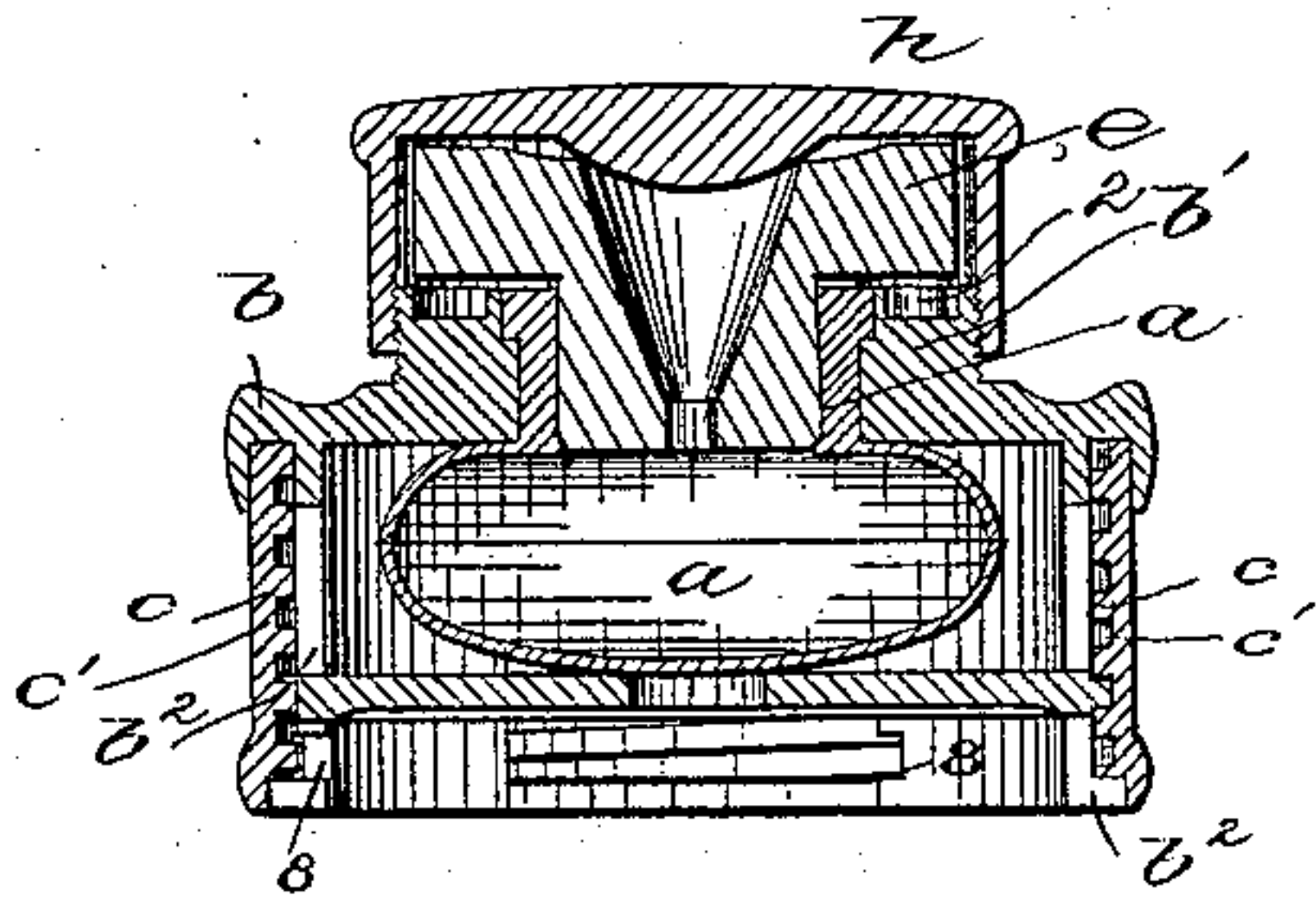


Fig. 2.

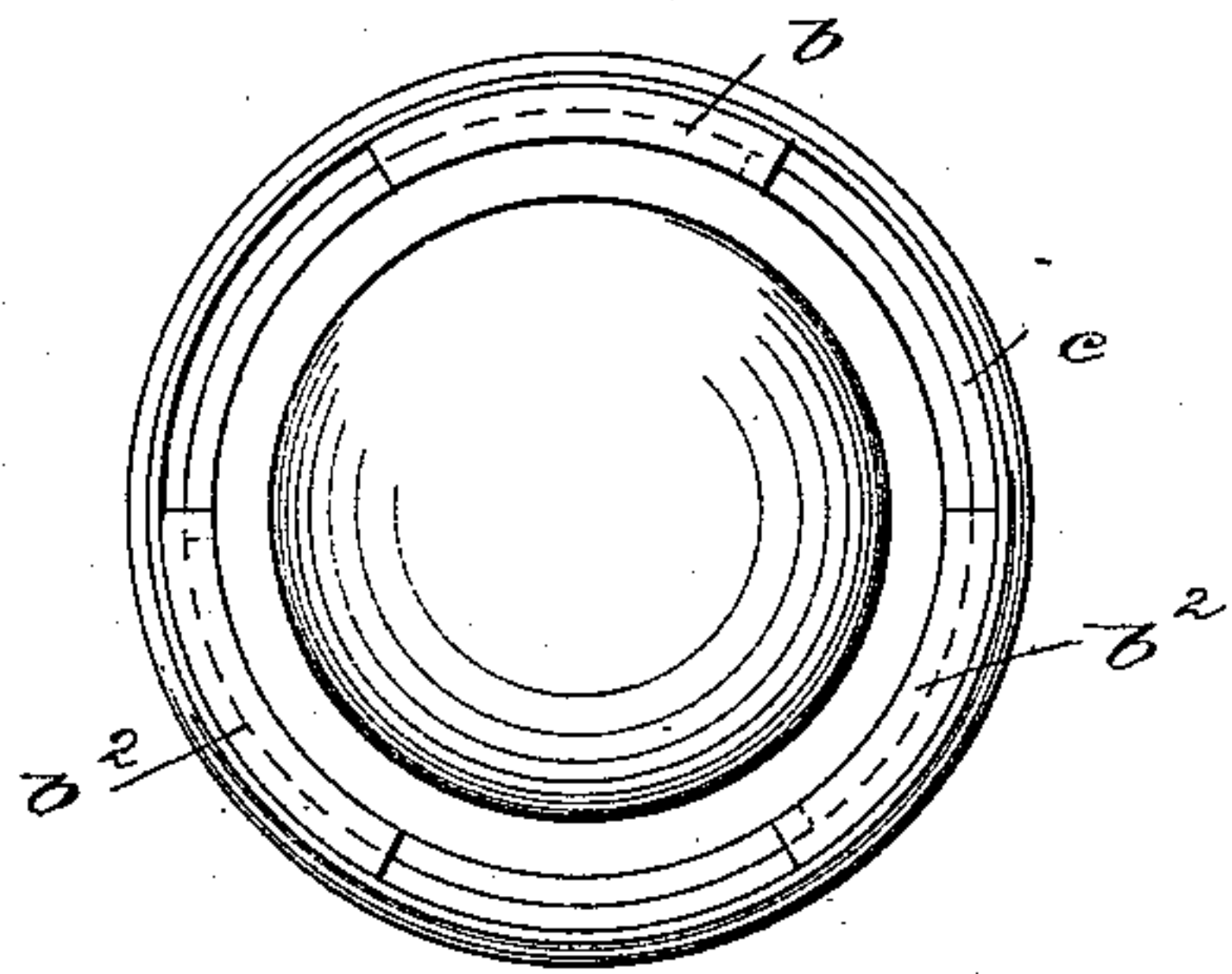


Fig. 3.

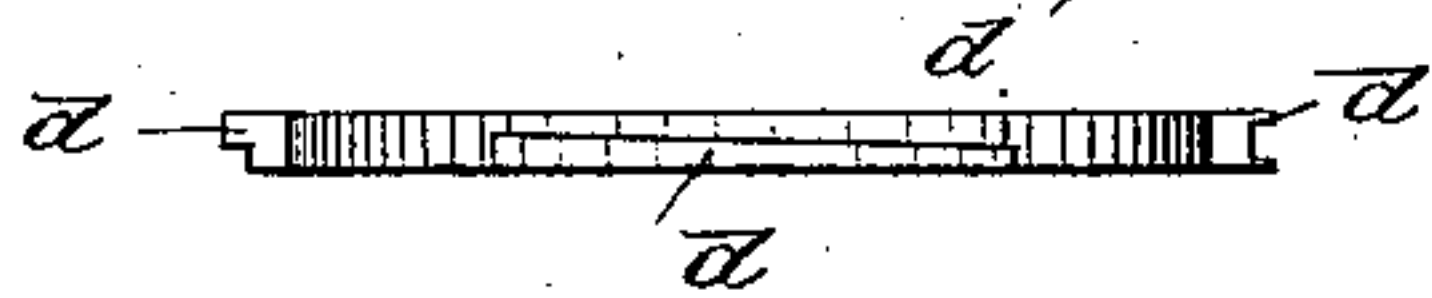


Fig. 4.

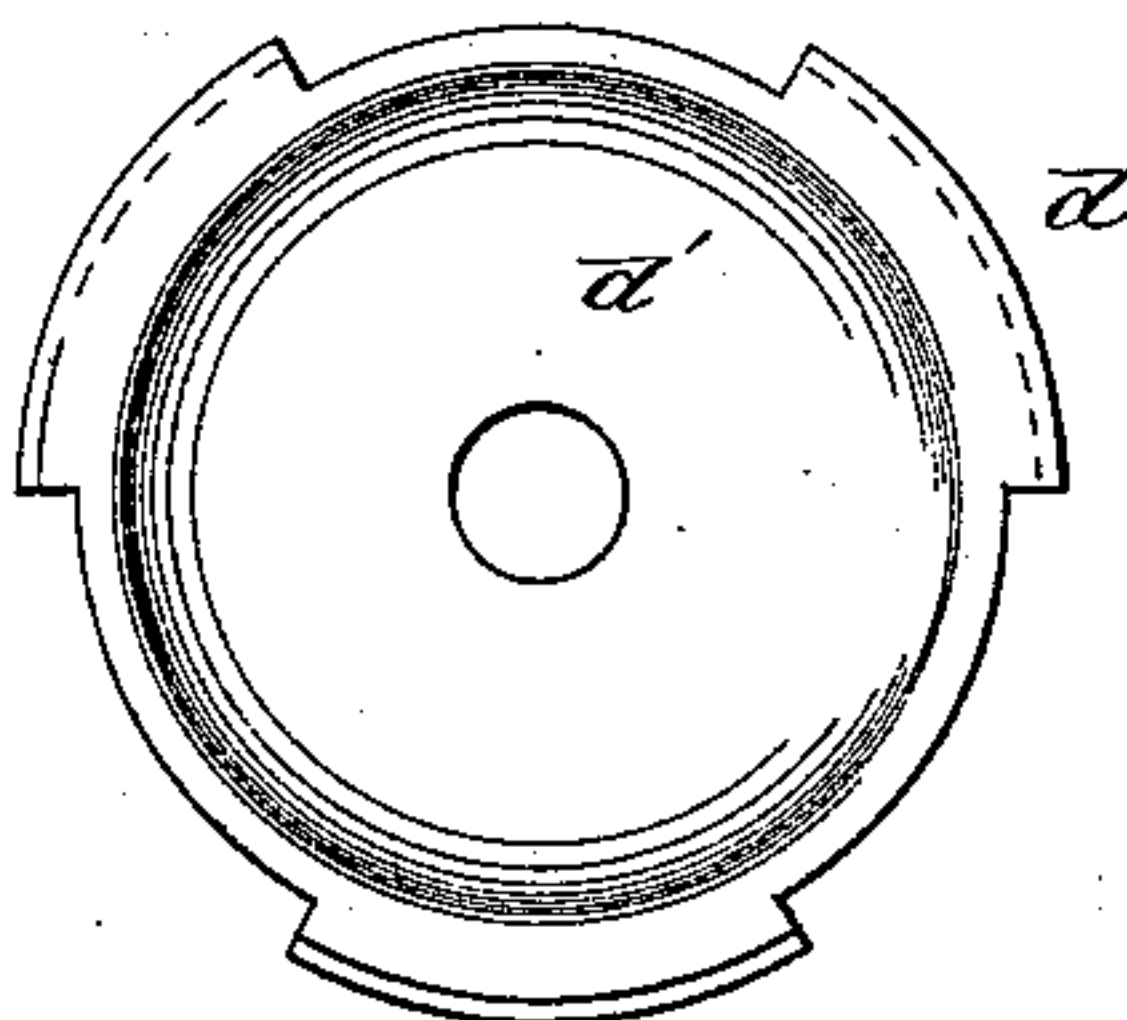


Fig. 6.

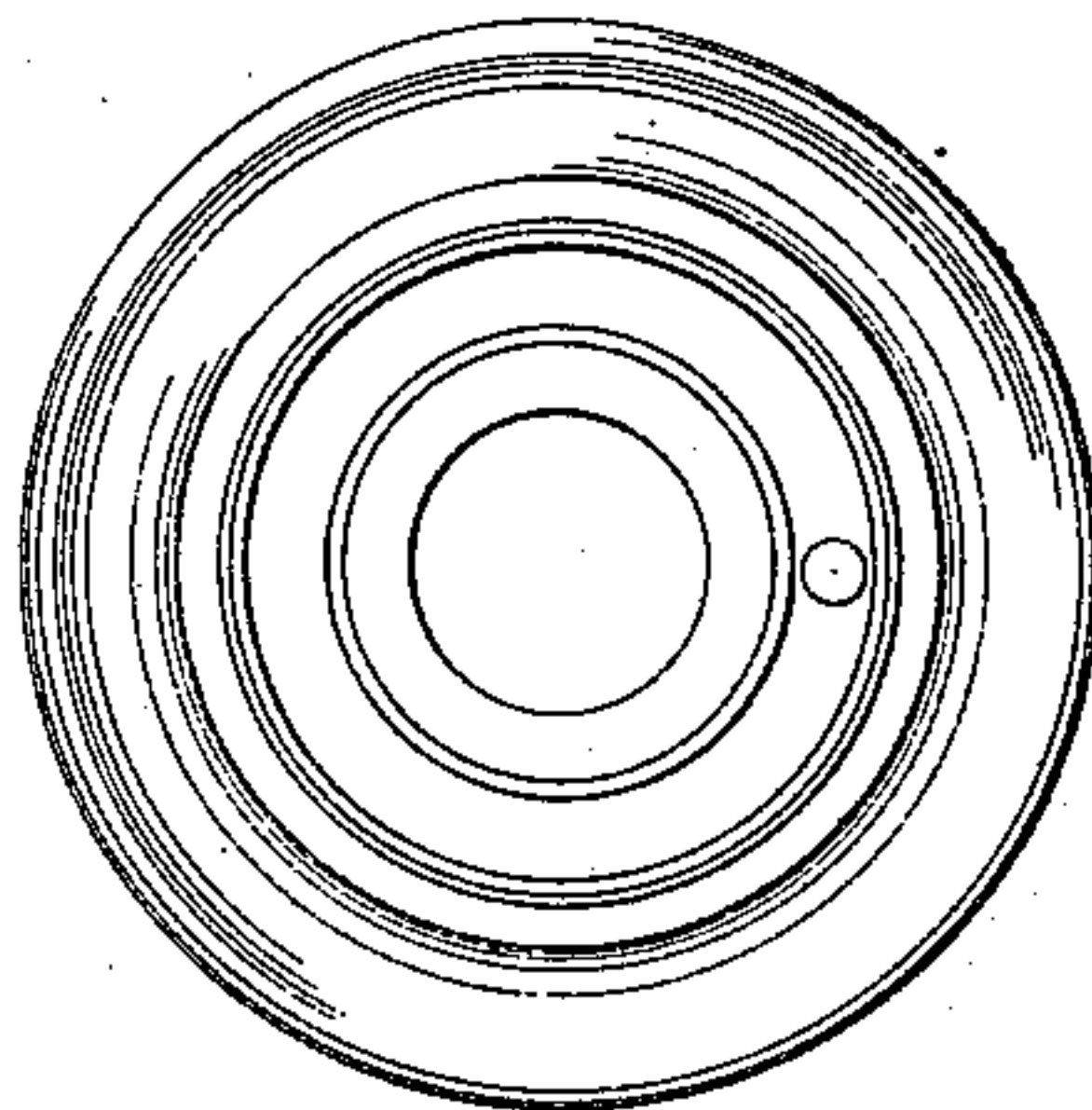
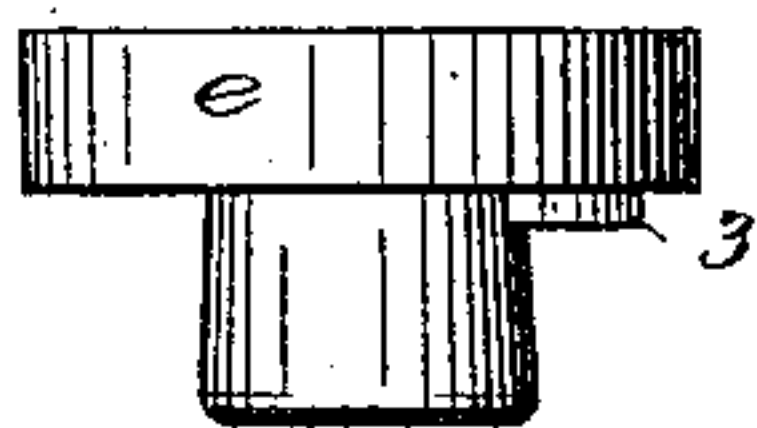


Fig. 5.



Witnesses.

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UNITED STATES PATENT OFFICE.

RHODES LOCKWOOD, OF BOSTON, MASSACHUSETTS.

INKSTAND.

SPECIFICATION forming part of Letters Patent No. 324,393, dated August 18, 1885.

Application filed April 27, 1885. (No model.)

To all whom it may concern:

Be it known that I, RHODES LOCKWOOD, of Boston, county of Suffolk, and State of Massachusetts, have invented an Improvement in Inkstands, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

This invention has for its object the improvement of inkstands whereby they may be better adapted especially for being carried about from place to place while filled.

My improved inkstand consists, essentially, of a flexible ink-well, an ink-receiver, an annulus or hoop provided internally with a screw-thread, a loose bottom plate provided with one or more projections to engage the said screw-thread, and a top or neck piece provided with one or more arms or tappets to engage one or more of the projections of the loose bottom plate and cause it to be moved to follow in one or the other direction the pitch of the screw-thread cut in the annulus according as it is desired to squeeze or release the flexible ink-well to enable the ink to rise in or to descend out of the ink-receiver, as will be described, the annulus constituting the outer side walls of the inkstand.

Figure 1 is a vertical section of an inkstand embodying my invention, the cover being in place. Fig. 2 is an underside or bottom view of the inkstand; Fig. 3, an edge view of the bottom plate; Fig. 4, a plan of the bottom plate detached; Fig. 5, a detail showing the ink-receiver detached, and Fig. 6 a top view of the top piece alone.

The flexible ink-well *a*, preferably of vulcanized india-rubber of good quality, having a neck, *a'*, and an externally-convexed bottom, is placed inside the top piece, *b*, of hard rubber, having a neck, *b'*, screw-threaded externally and having one or more arms or tappets, *b² b²*, (herein shown as three in number,) the neck *a'* of the ink-well being fitted closely in the neck of the top piece.

The arms *b² b²* of the hard-rubber top piece are surrounded by the hard-rubber annulus or ring *c*, provided internally with a screw-thread, as at *c'*, which is engaged by the projections *d* of the independent hard-rubber loose bottom plate, *d'*, the peripheral notches

of the bottom plate embracing the arms or tappets *b²*, so that the rotation of either the annulus *c* or the top piece will cause such change in the relative position of the top piece and annulus as to compel the projections *d* of the bottom plate, *d'*, to travel in the direction of the depth of the annulus, as will be obvious.

The edges of the arms or tappets *b²*, which act against the projections *d* when the latter travel in the screw-thread *c'* in such direction as to run out of the said thread at the lower end of the annulus, are notched, as at 8, to receive the projections *d* and thus hold upon the said projections and prevent the bottom plate from being detached unintentionally by too great rotation of the annulus.

The upper end of the top piece has a pin or stop, 2, against which bears a projection, 3, attached to the ink-receiver *e*. The cover *h*, made as a screw-threaded hard-rubber cap, is screwed down upon the neck of the top piece whenever it is desired to close the inkstand, the said cap or cover capping and closing the ink-receiver.

When the top is to be removed, the ink-receiver might stick in it and rotate in the neck of the ink-well and be pulled out from the latter were it not for the projection 3, which, during the first backward rotation of the cap or nut, strikes the pin or projection 2 and stops the further rotation of the ink-receiver.

By rotating either the annulus or the top piece in the proper direction the bottom plate may be moved to compress the flexible ink-well between itself and the top piece and cause the ink to rise in the receiver, which is of glass, to be entered by the nib of the pen, movement of the bottom plate in the opposite direction relieving the ink-well from pressure and permitting the ink to settle back from the receiver into the well.

I have mentioned the top piece, the annulus, bottom plate, and cover as made from hard rubber, as I prefer that material for strength, lightness, beauty of finish, &c.; but it will be understood that the same might be of celluloid, glass, metal, wood, or paper, or of usual compounds containing one or more of the said ingredients or substances.

I claim--

1. An inkstand composed of a flexible ink-

well, a top piece having one or more arms or
tappets, a screw-threaded annulus embracing
the said arms or tappets and free to rotate
thereon, and a bottom plate having one or
5 more projections co-operating with the arms
or tappets of the top piece and engaging the
said screw-threads, substantially as described.

2. The top piece provided with the pin 2
and the flexible ink-well having its neck in
10 the neck of the top piece, and the ink-receiver
placed in the neck of the ink-well and pro-
vided with the projection 3, combined with
the cap or cover applied to the neck of the top
piece, substantially as described.

3. The top piece provided with the arms or 15
tappets and notched at 8 and the screw-
threaded annulus, combined with the bottom
plate provided with the projection and engag-
ing the screw-threads, substantially as de-
scribed. 20

In testimony whereof I have signed my name
to this specification in the presence of two sub-
scribing witnesses.

RHODES LOCKWOOD.

Witnesses:

G. W. GREGORY,

W. H. SIGSTON.