

(No Model.)

H. J. COWGER.
INKSTAND COVER.

No. 540,724.

Patented June 11, 1895.

Fig. 1.

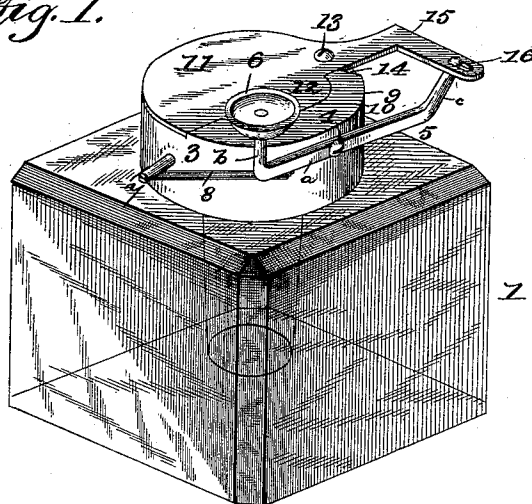


Fig. 2.

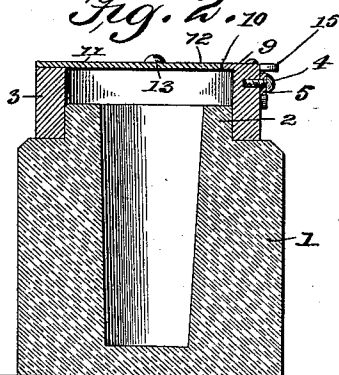
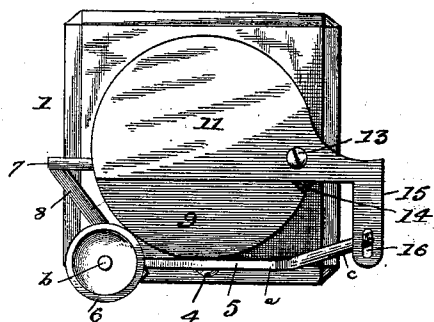


Fig. 3.



Witnesses

E. H. Morrow

E. H. Morrow

By his Attorneys.

Ca Snow & Co.

Inventor
Henry J. Cowger.

UNITED STATES PATENT OFFICE.

HENRY J. COWGER, OF KING CITY, CALIFORNIA.

INKSTAND-COVER.

SPECIFICATION forming part of Letters Patent No. 540,724, dated June 11, 1895.

Application filed October 5, 1894. Serial No. 525,020. (No model.)

To all whom it may concern:

Be it known that I, HENRY J. COWGER, a citizen of the United States, residing at King City, in the county of Monterey and State of California, have invented a new and useful Inkstand-Cover, of which the following is a specification.

This invention relates to an improvement in that class of ink stand covers which are slidably mounted upon the ink stand and provided with mechanism whereby they may be moved in a horizontal line to cover and uncover the stand.

The invention consists in certain peculiar features of construction and combination and arrangement of parts as will be more fully described hereinafter and finally embodied in the claims, and whereby I am enabled to permanently attach the cover to the ink stand and provide lever mechanism for operating said cover, such mechanism being also connected directly to the ink stand.

In the accompanying drawings, Figure 1 represents a perspective view of my complete arrangement; Fig. 2, a vertical cross-section thereof; Fig. 3, a plan view illustrating a modified arrangement of the sliding cover.

The reference numeral 1, indicates the ink stand to which I have shown my improvement applied, and this may be of any form or construction, since it does not enter into my invention. The only essentiality is that the stand be provided with a neck 2; and this to permit the application of the band 3. The band 3, is of course circular in form and adapted to snugly embrace the neck 2, of the ink stand.

Pivottally mounted upon the band 3, by means of the screw-pin 4, is the lever 5, which is formed with a straight portion *a*, said portion having its ends bent, one to form the upwardly extending projection *b*, and the other to form the diagonally extending portion *c*. Fixed to the projection *b*, and at the upper end thereof is the dished disk 6, which is adapted to furnish means for operating the lever 5, as will more fully appear hereinafter.

Rigidly secured to and projecting outwardly from the band 3, is the stud 7, which is slotted or bifurcated to permit the securing of the leaf-spring 8. This spring projects approximately alongside of the band 3, and

has its free end projecting under the lever 5, at that end which has the projection *b*. The spring has a normal tendency upwardly at its free end and this tendency is transmitted to the lever 5, so as to cause the projection *b*, and its attached stud to move upwardly.

The band 3, is provided at its upper end with a plate 9, which is shaped as the fragment of a circle and rigidly secured thereto or formed integral therewith as may be desired. It is preferred however, to form the plate integral with the band 3, as shown in the drawings. Formed in the plate 9, and concentric with the curved portion thereof is the circular depression 10.

11, indicates the cover proper of my invention, and this consists of a metallic plate of such a shape that it will lie over the upper end of the band 3, or the neck of the ink stand, and cover every portion thereof which is not covered by the plate 9. To this end the cover 11, is provided with a circular extension 12, which is adapted to fit within the similar depression 10, of the plate 9.

The cover 11, is slidably mounted in place by means of the pin 13, which is passed vertically into the band 3. By these means the cover is mounted capable of swinging in a horizontal line or on a vertical axis, and to facilitate the complete opening of the neck 2, the plate 9 is provided with a beveled portion 14, which is adapted to furnish room for the cover in the operation of swinging on its pivot.

Formed integral with the cover 11, and directly adjacent to the pin or pivot 13, is the angular arm 15, which extends out radially from the cover 11, for a short distance and then bends and extends at right angles to the first portion so that its extremity will lie in approximately the same line as the lever 5. The terminal of the arm 15, is formed with a slightly elongated opening or slot 16, through which the diagonally extending portion *c*, of the lever 5, is adapted to pass and by which a slidable connection between the two parts is effected. Thus it will be seen that as the end *b*, of the lever 5 is depressed against the tendency of the spring 8, the diagonal portion *c*, will be made to move upwardly and inwardly toward the vertical line of the pin 4. This will cause the said portion *c*, of the le-

ver 5, to move through the slot 16, of the arm 15, and will cause said arm to swing with the portion c, of the lever inwardly toward the vertical line of the pin 4, such pin being the
5 pivot or axis of the lever 5. As the arm 15, swings inwardly it follows of course that the cover 11, will swing outwardly or in an opposite direction. This will effect an opening of the ink stand as will be understood. When
10 it is desired to close the ink stand all that will be necessary is to release the pressure on the disk 6, thereby allowing the spring 8, to return the parts to their normal position.

It will be observed that the purpose of the
15 circular depression 10, in the plate 9, and the extension 12, in the cover 11, is to permit the easy insertion of the pen into the ink stand when the cover has been moved from over the neck thereof. This is so owing to the fact
20 that the plate 9, being rigid would without the depression 10, project over a great portion of the neck and close said portion against the entry of the pen. By forming the depression 10, however, this difficulty is overcome
25 and a clear passage provided.

Fig. 3 illustrates the arrangement of the cover and plate in which the depression 10, and extension 12, are omitted. This form, while efficient in many respects, is not preferred for the reasons expressed above. It is
30 useful however, and in some cases may prove advantageous over the form of Figs. 1 and 2. Therefore I have shown it in the drawings.

It will be observed that the essential feature of my invention lies in the band 3, rigidly and directly secured to the neck 2, of the stand, and provided with the lever 5, having its diagonal or eccentric arm operating with the swinging cover to open or close the
40 neck 2, of the ink stand.

I have shown in the drawings a specific form of ink stand and this form I have adopted merely for the purpose of illustration. It will be understood that in practice the form of the ink stand will be variously changed to
45 suit the fancies or convenience of the user, and it will be further understood that this matter is entirely irrelevant to the material portions of my invention, and does not require any further description.

Various changes in the size, proportions and minor details of my invention may be resorted to without departing from the spirit thereof. Hence I am not limited to the precise form of embodiment herein shown and
55 described.

Having described my invention, I claim—

An inkstand cover comprising the combination of a band adapted to encircle the neck of the inkstand and to be rigidly affixed thereto, a spring-actuated lever fulcrumed directly to said band and provided at one end with a diagonal or oblique portion, and a swinging cover mounted upon the band and on a vertical axis and having formed integral there-
65 with an arm extending toward the diagonal or oblique portion of the lever, said arm having formed in its outer end a slot or opening through which the diagonal or oblique portion of the lever extends and whereby the lever is slidably connected to the arm, substantially as described.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

HENRY J. COWGER.

Witnesses:

C. S. OLINGER,
W. J. DAVIS.