

(No Model.)

L. C. FERRELL.
INK WELL HOLDER.

No. 578,322.

Patented Mar. 9, 1897.

Fig. 1.

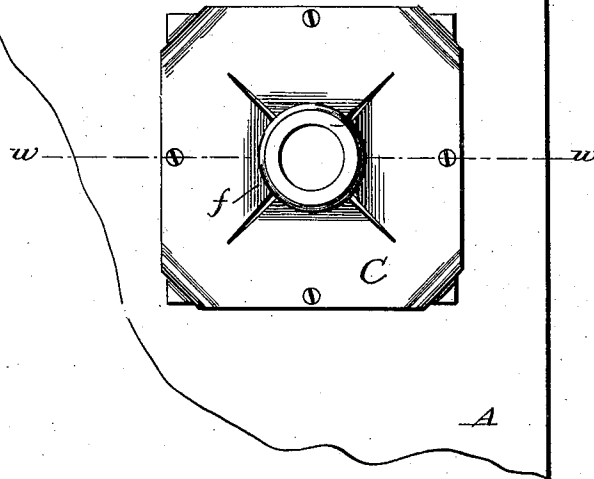


Fig. 3.

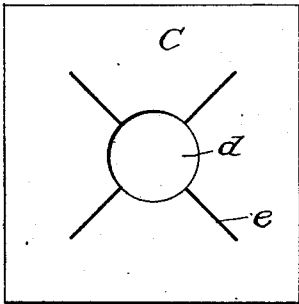


Fig. 2.

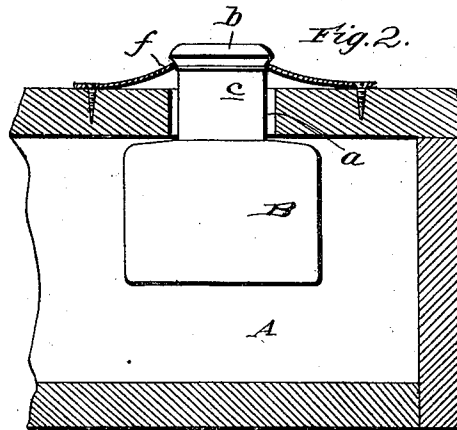


Fig. 4.

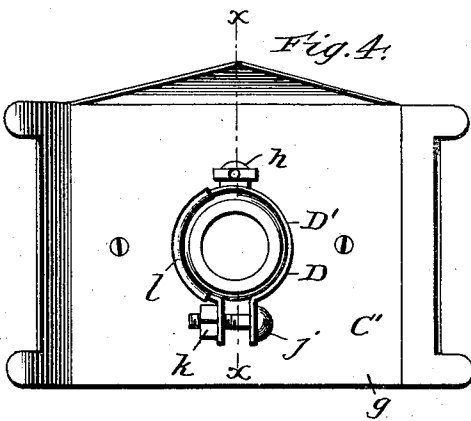
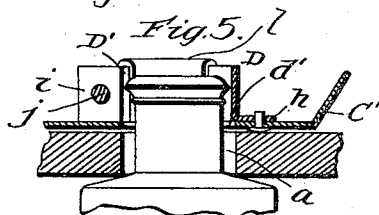


Fig. 5.



Witnesses:

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UNITED STATES PATENT OFFICE.

LEONIDAS C. FERRELL, OF NEW ORLEANS, LOUISIANA.

INK-WELL HOLDER.

SPECIFICATION forming part of Letters Patent No. 578,322, dated March 9, 1897.

Application filed November 17, 1896. Serial No. 612,484. (No model.)

To all whom it may concern:

Be it known that I, LEONIDAS C. FERRELL, a citizen of the United States, residing at New Orleans, in the parish of Orleans and State of Louisiana, have invented certain new and useful Improvements in Ink-Well Holders; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to devices for securing ink-wells in apertures of desk-tops; and it has for its general object to provide a cheap and simple device adapted to engage an ordinary ink-bottle and secure it in an aperture in a desk-top, and one which is also adapted to catch the ink which ordinarily falls from a pen as it is lifted from an ink bottle or well.

Other objects and advantages of the invention will be fully understood from the following description and claim when taken in conjunction with the annexed drawings, in which—

Figure 1 is a plan view illustrating a portion of an apertured desk-top, my improved device connected thereto, and an ink-bottle held by the device. Fig. 2 is a vertical transverse section taken in the plane indicated by the line *vv* of Fig. 1 with the ink-bottle in elevation. Fig. 3 is a detail plan view of the device removed from the desk-top. Fig. 4 is a detail plan view illustrating a modified device as holding an ink-bottle, and Fig. 5 is a transverse section taken in the plane indicated by the line *xx* of Fig. 4.

Referring by letter to said drawings, and more particularly to Figs. 1 to 3 thereof, A indicates a portion of a desk such as used in school-rooms, which has an aperture *a* in its top designed to receive the neck of an ink-bottle.

B indicates an ink-bottle which has the usual flange or head *b* at the upper end of its neck *c*, and C indicates my improved clamping device for connecting the ink-bottle to the desk-top and securing the neck of said bottle in the aperture of the top. This device C, which is preferably rectangular in form, is made of resilient sheet metal and is provided with the central aperture *d* and with the slits *e*, which preferably extend from the aperture *d* toward

the corners of the device and form the resilient tongues *f*. (Better shown in Figs. 1 and 2 of the drawings.)

The device C is designed to be arranged upon and secured to the desk-top by screws or other suitable means in such position that its central aperture registers with the aperture *a* in said desk-top, as shown in Figs. 1 and 2, so as to permit of the head *b* of the bottle D being passed upwardly through the aperture *a* in the desk-top and through the aperture *d* of the device C. When the head of the bottle is passed through the aperture *d*, as stated, the resilient tongues *f* of the device C will assume a position below the head *b* of the bottle, and by reason of their resiliency will clamp and effectually prevent downward movement of the bottle and will consequently prevent the disconnection of the bottle from the desk-top.

It will be appreciated from the foregoing that my improved device is easily made of sheet metal and may therefore be produced very cheaply, and it will also be appreciated that while very cheap and simple and easily applied the said device will effectually prevent casual disconnection of the bottle from the desk and will also prevent children from fingering and lifting the wells or bottles, which so frequently results in a bottle or well being upset or dropped upon the floor. It will also be appreciated that my improved device C serves, by catching the ink which drops from a pen as it is lifted from the bottle, to protect the desk-top.

In Figs. 4 and 5 of the drawings I have illustrated a modification which is designed for use when it is desired to replace empty bottles with full bottles. This device C' comprises a plate *g*, preferably of sheet metal, which is secured to a desk-top over the aperture *a* therein, and is provided with an aperture *d'*, registering with the aperture *a*, and a clamp D. The body D' of this clamp D, which is preferably made of sheet metal, is of a general circular form, and it is provided at an intermediate point of its length with a lug *h*, which is connected by a rivet or other suitable means to the plate *g*, and is also provided at its ends with the apertured lugs *i* to receive the threaded bolt *j*, which is provided with a nut *k*, as shown. In order to enable

the clamp D to frictionally engage and thereby hold plain bottle-necks or those which have no flanges at their upper ends, I prefer to cover a portion of the body D' of said clamp
5 with rubber, as indicated by *l*.

In using the construction shown in Figs. 4 and 5 the bottle-neck is passed upwardly through the aperture *a* in the desk-top and the aperture *d'* in plate C' until it rests within
10 the body of the clamp D. The nut *k* upon the bolt *j* is then tightened, when the bottle will be securely held by the clamp.

The construction shown in Figs. 4 and 5 will securely hold a bottle and will prevent
15 casual removal of the bottle as effectually as the construction disclosed in Figs. 1 to 3. The said modified construction will also permit of an empty bottle being readily removed and replaced by a full bottle when desired.

Having described my invention, what I 20 claim, and desire to secure by Letters Patent, is—

The combination of a desk having an aperture in its top, a bottle having its neck extending upwardly through the said aperture, 25 and a plate of resilient sheet metal arranged upon the desk-top and having a central aperture registering with the aperture in the desk-top and receiving the bottle-neck and also having the resilient tongues exerting a 30 pressure against the bottle-neck, substantially as specified.

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

LEONIDAS C. FERRELL.

Witnesses:

JOS. LAUBENSCHLAEGER,
B. P. FORMAN, Jr.