No. 647,841. Patented Apr. 17, 1900.

F. D. JONES.

ADJUSTABLE SCHOOL DESK INK WELL HOLDER.

(Application filed Oct. 10, 1899.)

(No Model.)

Fig. 1.

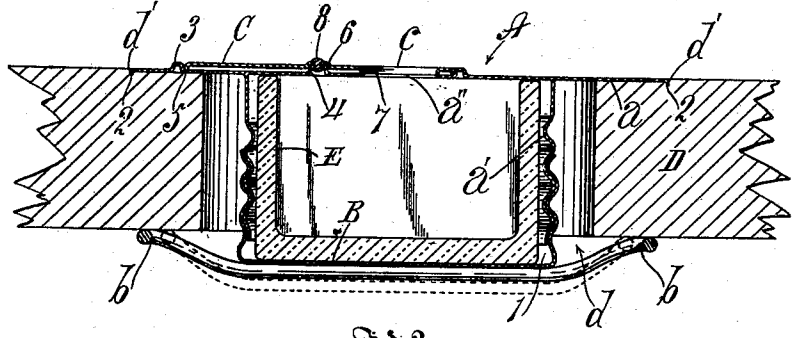
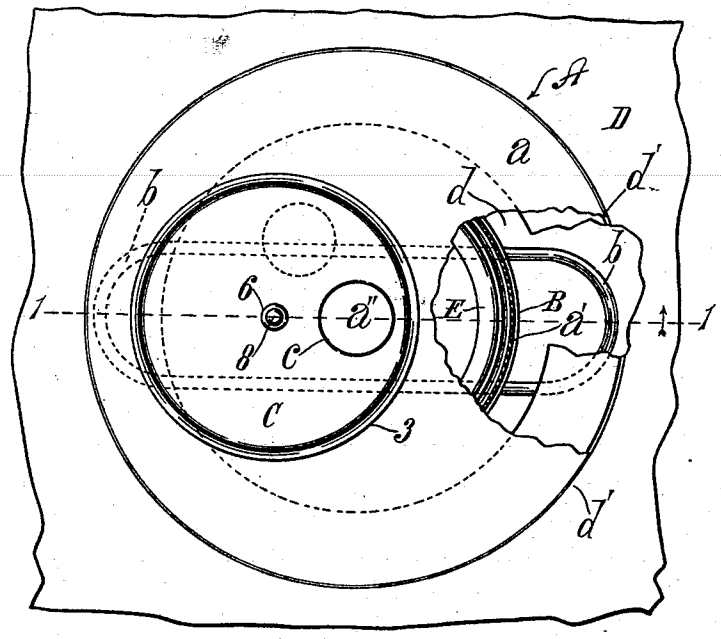


Fig. 2.



Witnesses
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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D.

UNITED STATES PATENT OFFICE.

FREDERICK DILLWYN JONES, OF LOS ANGELES, CALIFORNIA.

ADJUSTABLE SCHOOL-DESK INK-WELL HOLDER.

SPECIFICATION forming part of Letters Patent No. 647,841, dated April 17, 1900.

Application filed October 10, 1899. Serial No. 733,213. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK DILLWYN JONES, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented a new and useful Adjustable School-Desk Ink-Well Holder, of which the following is a specification.

The object of my invention is to provide a superior appliance by which ink-wells can be detachably secured in school-desk tops.

My invention is designed to be applied to desks having various holes for ink-wells, so that my appliance can be readily fitted on desks already in use and which have been provided with other forms of ink-well holders. It is frequently necessary to renew ink-well holders of school-desks, and so far as I am aware there has not heretofore been provided any ink-well holder which could be applied indiscriminately to desks of various thicknesses and having variously-sized holes. By my invention one style of ink-well holder serves for all these various styles of desks.

My invention consists in the combination, with a desk, of a top member to rest on the top of the desk and provided with a depending support to extend into the ink-well hole of the desk-top to receive the ink-well and an ink-well retainer adjustably attached to the depending support and provided with spring projections to engage the under face of the desk-top.

My invention may be applied in various forms.

The accompanying drawings illustrate my invention in its preferred form.

Figure 1 is a vertical mid-sectional view of my improvement as applied in the desk, a fragment of which is shown. Dotted lines indicate the position of parts before the retainer is screwed home. Fig. 2 is a plan showing the preferred form of my invention as applied in a desk-top. Portions of the top-plate and desk are broken away for clearness of illustration.

My newly-invented ink-well holder comprises a top member A, composed of a plate *a* to rest upon the top of the desk-top D, and a screw-threaded collar or ink-well chamber *a'*, open at its lower end, as at 1, and extending downward from the plate to be inserted through the ink-well hole *d* in the desk-top, a hole *a''* being provided through the plate and opening into the ink-well chamber, and a bottom ink-well-holding member B, screwed to the lower end of the collar and provided with laterally-extending springs *b*, bent upward to engage the under side of the desk-top. Any suitable form of cover for the hole *a''* may be provided.

C indicates a cover of preferred form.

In practice the plate *a* will preferably be circular, and its edge will be bent downward, as at 2, to fit into a circular groove *d'*, cut in the top of the desk around the hole *d*, thus to prevent the pupils from inserting anything under the edge of the plate to pry it up. The plate will preferably be made of sheet metal stamped in desired form. I prefer to use zinc or aluminium.

To apply the holder to a desk the top member will be placed upon the top of the desk and the collar will be inserted through the hole for that purpose. Then the ink-well E will be inserted up into the collar and the bottom member B screwed to the collar until the springs *b* engage with the under side of the desk-top with sufficient force to clamp the desk-top and hold the parts firmly in place. The springs or bottom projections *b b* serve a double purpose in that they not only clamp the desk-top, but they will yield when screwed home, thus allowing the bottom piece to be screwed up to clamp the ink-well against the top regardless of whether the desk is of less or greater thickness. The plate *a* is to be of a diameter sufficient to amply cover any of the holes ordinarily made in desk-tops for ink-wells, and the springs *b b* are of substantially equal radius therewith, so that the device can be applied to hold ink-wells in any of the school-desks now in use.

In the preferred form the plate *a* will be stamped with downturned edge 2, uppressed circular bead 3, and pivot-seat 4. The cover C is turned down, as at 5, at the edge and is provided with an uppressed pivot-seat socket 6 to rest on the pivot-seat, and is also provided with a hole *c* and a downpressed marginal rim 7 to rest on the face of the top plate *a*, so that when the cover C is rotated to bring the hole over an imperforate portion of the plate *a* the downturned rims 5 and 7 will

practically seal the opening which communicates with the ink-well. All these minor details, however, may be varied without altering my invention.

The pen-hole a'' is preferably located centrally of the plate and of the circular bead 3 and sleeve a', and the pivot 8 of the cover is located eccentrically of the same, so that the pen-hole is above the center of the ink-well.

The projections b on the bottom member further serve as handles, by means of which the bottom member can be conveniently screwed home, the handles thus serving to turn the bottom member and also in connection with the upper plate to clamp the desk-top. The upper plate and the handles are of considerably greater radius than the ink-well support and retainer, so as to bridge holes of any diameter in present use for ink-wells in desk-tops.

What I claim, and desire to secure by Letters Patent of the United States, is—

1. The combination with a desk, of a top member to rest on the top of the desk and provided with a support to extend into the ink-well hole of the desk-top to receive the ink-well; and an ink-well retainer adjustably attached to the depending support and provided with spring projections to engage the under face of the desk-top.

2. An ink-well holder comprising a top member composed of a plate to rest upon the top of the desk and a screw-threaded collar extending downward from the plate to be inserted through a hole in the desk and open at its lower end; a hole being provided through the plate and opening into the collar; and a bottom member screwed to the lower end of the collar and provided with laterally-extending springs to engage the under side of the desk-top.

3. An ink-well holder comprising a plate with a depending screw-threaded support to extend into the ink-well hole of a desk-top to receive an ink-well; an ink-well retainer to screw to the support to retain an ink-well therein and provided with lateral projections, being handles to turn the retainer and clamps to clamp a desk-top; said plate and handles being of a radius considerably greater than the ink-well retainer, substantially as and for the purpose set forth.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, at Los Angeles, California, this 4th day of October, 1899.

FREDERICK DILLWYN JONES.

Witnesses:

JAMES R. TOWNSEND,

FRANCIS M. TOWNSEND.