O. NOLIN.

INK WELL.

APPLICATION FILED APR. 17, 1907.

912,880. Patented Feb. 16, 1909.

Fig. 1.

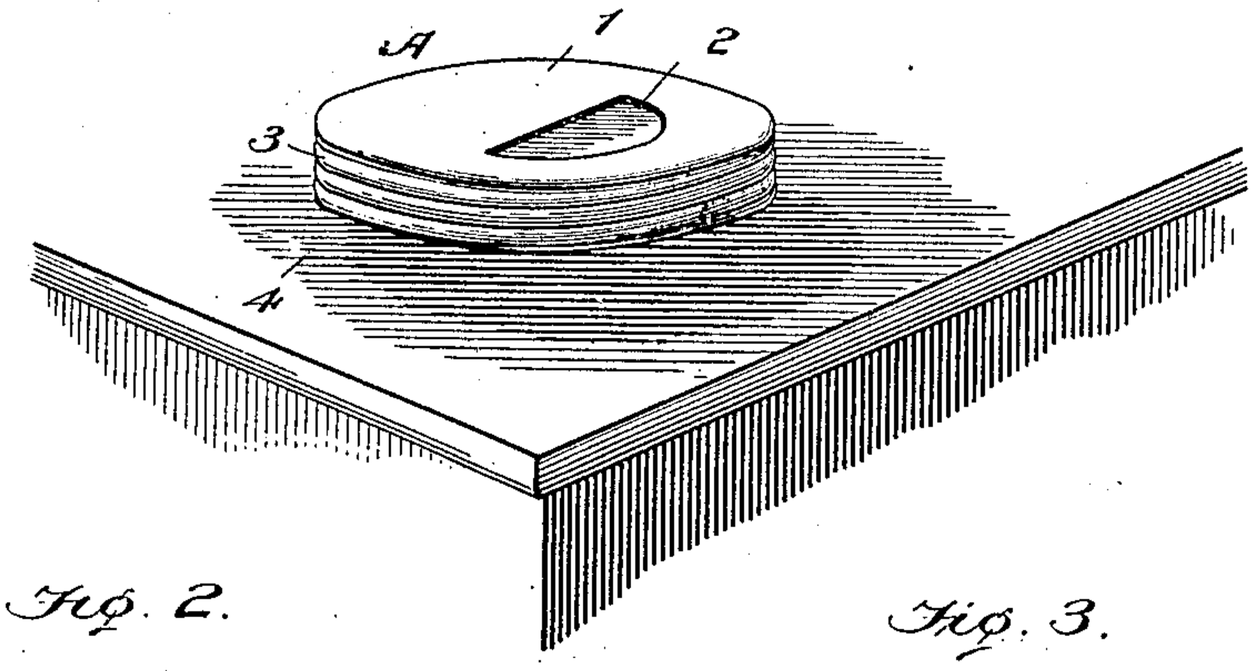


Fig. 2.

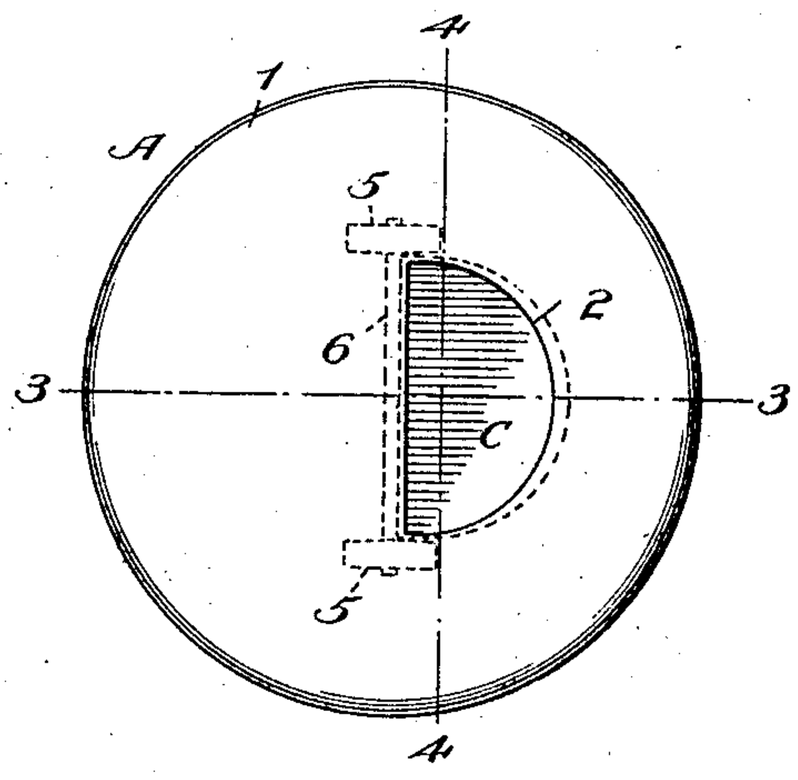


Fig. 3.

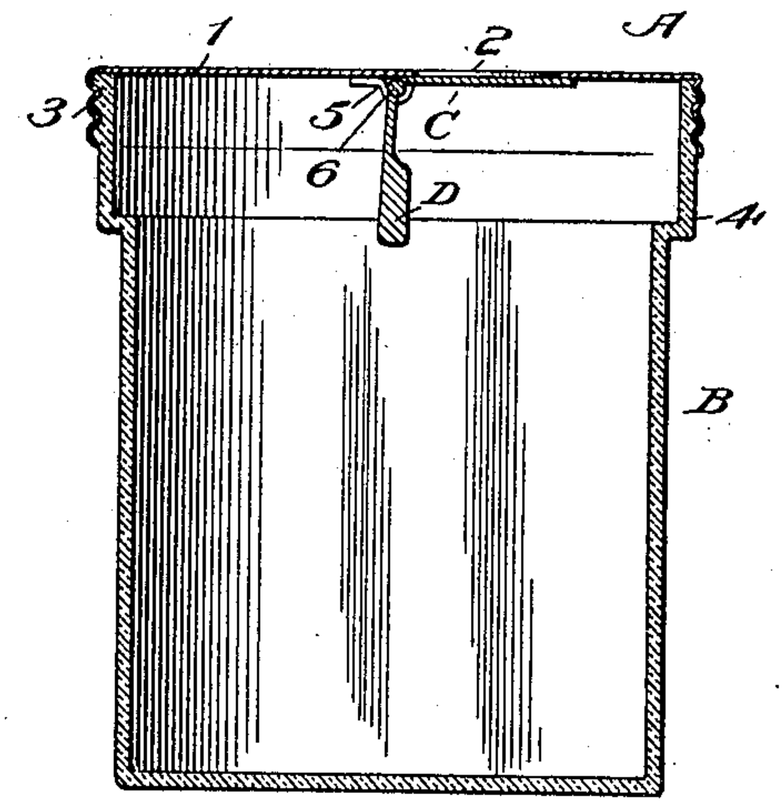


Fig. 4.

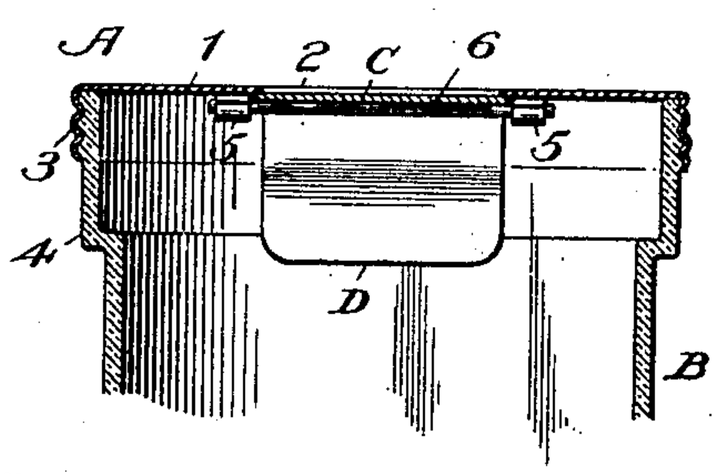
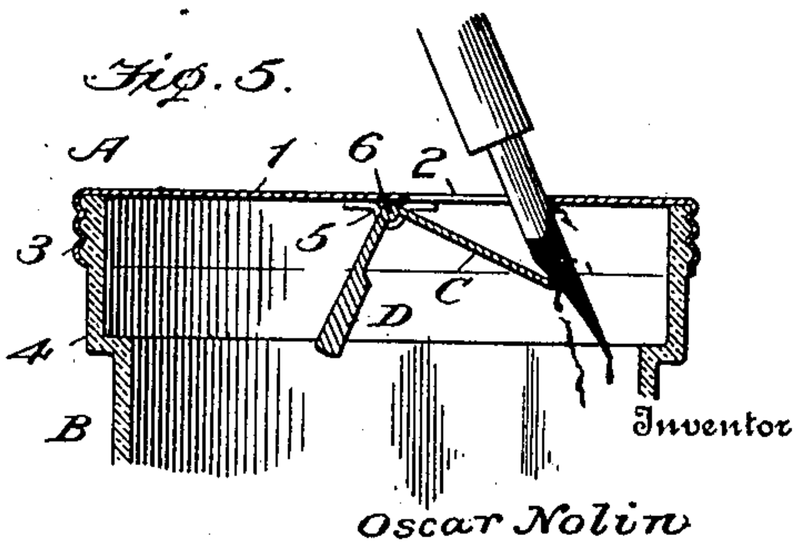


Fig. 5.



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UNITED STATES PATENT OFFICE.

OSCAR NOLIN, OF GOLDEN, COLORADO.

INK-WELL.

No. 912,880. Specification of Letters Patent. Patented Feb. 16, 1909.

Application filed April 17, 1907. Serial No. 368,699.

To all whom it may concern:

Be it known that I, OSCAR NOLIN, residing at Golden, in the county of Jefferson and State of Colorado, have invented a new and Improved Ink-Well, of which the following is a specification.

My invention seeks to provide a simple and inexpensive ink well or holder, especially adapted for school purposes, and more particularly embodies an improved construction of well or holder of that type in which means are included for automatically closing the top or open end of the well or holder except when in actual use, whereby to prevent the evaporation of the fluid and at the same time keep it free from dust and other objectionable dirt.

My invention also comprehends, in its more complete nature, a special construction of top closure member having such coöperative connection with the body portion of the well whereby the same may be readily operated by the smallest child under the simple act of dipping for ink and without the necessity of unnaturally or specially positioning the hand or fingers to effect the opening of the closure member.

With certain further objects in view, in its more subordinate features, my invention consists in certain details of construction and peculiar combination of parts, all of which will be hereinafter fully explained, specifically pointed out in the claim and illustrated in the accompanying drawings, in which:

Figure 1, is a perspective view showing my improved well or holder as applied to a school desk. Fig. 2, is a top plan view of the holder or well. Fig. 3, is a longitudinal vertical section on the line 3—3 of Fig. 2, the parts being in their normal or closed position. Fig. 4, is a transverse section on the line 4—4 on Fig. 3. Fig. 5, is a longitudinal section of the removable top or cap portions of the well, the closure gate or member being shown as forced down by the insertion of the pen point while dipping.

In the practical application of my invention, the same embodies a cap or closure member A, preferably of sheet metal, stamped or otherwise formed, and comprising a top 1 having a semi-circular opening 2, centrally thereof, and a pendent rim 3, which may be straight, but is preferably formed with a screw thread, as shown, whereby it can be readily threaded onto the threaded upper end of the well or holder B, preferably of glass, and formed with the usual annular head or enlargement 4, at the upper end whereby it can be detachably mounted in the opening in the desk top, as shown.

At each side of the opening and in line with the straight edge thereof, the member A has bearings 5—5, on its under side to receive a hinge pin 6 upon which is hingedly mounted a counterbalanced closure member C, having substantially the shape of the opening 2, but sufficiently larger to fully cover it when at the normal or closed position, shown in Fig. 3, to which position it is held by the counterpoise D, that projects from the member C in a plane substantially at right angles thereto, whereby to also form a stop for limiting the downward swing of the said closure member C.

By reason of forming the top member, as shown and described, it is obvious that the well or holder will be held closed at all times, when not being actually used and hence all dirt, dust, etc. is kept from entering the well or holder and furthermore since the closure member C is held counterbalanced, no special manipulation of the hand or fingers holding the pen is necessary when dipping for ink to open or close the mouth of the well, since in my construction of ink well the slightest pressure of the pen point against the member C will open said member and allow for a proper dipping of the pen, said member following the withdrawal of the pen and closing the opening.

Another and essential advantage of my construction of closure member is, that since it follows the pen closely and is in contact therewith during the act of withdrawing, after dipping, the said closure member acts as a cleaner for the removing of surplus ink on the pen thereby reducing annoyance and danger of blotting and smearing. Again by reason of making the opening semi-circular and the closure member likewise, provides for causing the pen to scrape between the circular wall of the opening and the circular end of the closure member irrespective of what portion of the opening the pen is pulled from thus making the cleaning or back-flow of all surplus ink on the pen positive and effective.

Having thus described my invention, what

I claim and desire to secure by Letters Patent, is:

As a new article, an ink well having a top formed with a dipping opening and a pendent journal bearing at each end of the dipping opening and a rigid closure member having a right angled shape, formed with pintles projecting from the angled portion for engaging the journal bearings on the under side of the top, one portion of the said right angled closure member being shaped to close solid against the under side of the top over the dipping opening, the other portion of said angled member being weighted and adapted to close up solid against the under side of the top so as to limit the downward swing of the closure member, as set forth.

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