

(No Model.)

B. J. COUHIG.
INK WELL COVER.

No. 541,965.

Patented July 2, 1895.

Fig 1.

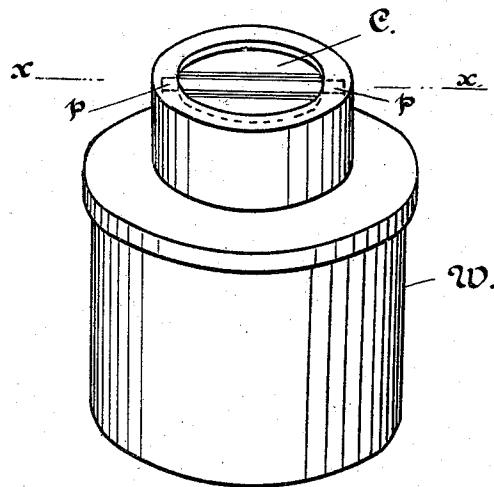
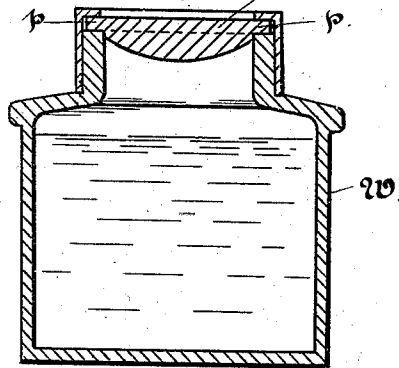


Fig 2. c.



WITNESSES:

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INK-WELL COVER.

SPECIFICATION forming part of Letters Patent No. 541,965, dated July 2, 1895.

Application filed April 20, 1895. Serial No. 546,475. (No model.)

To all whom it may concern:

Be it known that I, BARTHOLOMEW J. COUHIG, a citizen of the United States, residing at Youngstown, in the county of Mahoning and State of Ohio, have invented certain new and useful Improvements in Ink-Well Covers; and I do hereby declare the following to be a full, clear, and exact description of my invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form part of this specification.

The object of my invention is a cover for the openings in ink-wells and ink-stands of such construction that a pen may be introduced without attention, no matter how presented, and which upon the withdrawal of the pen automatically closes, so that neither evaporation, nor defilement of the ink by dust can occur, a matter of importance in counting rooms, offices, and school houses, no less than in those circumstances where the ink-well or bottle is only used at considerable intervals of time. I accomplish this object by the means hereinafter described, and illustrated in the drawings, in which—

Figure 1 is a perspective view of an ink-well provided with my automatic cover C, and Fig. 2 is a vertical sectional view of the same on the line *xx* of Fig. 1.

As will be seen by inspection of the drawings my invention consists in a disk that is, either fully or approximately, a sector of a sphere, having oppositely upon its periphery the round projections *pp* that have bearings in the walls of the bottle neck, the flat surface of the cover being uppermost when the bottle is closed. It is essential to produce the automatic action hereinafter described that the pivotal points, or bearings, should be on or near the horizontal plane of the flat surface of the cover, although variations from such position may occur so long as the greater bulk of the cover is below such horizontal plane.

The horizontal openings in the neck of the bottle may be formed in the glass, or a neck of brass or other metal having such openings may, in manufacture, be made and attached to the ink-well or ink-bottle, by the well known means of attaching burners to glass oil-lamps.

In this cover the center of gravity is such that when the point of the pen touches it, no matter at what point, a wing of the cover is depressed, admitting the pen to the ink reservoir, and, upon the withdrawal of the pen, the cover automatically resumes its original position covering the opening in the neck of the bottle, thus accomplishing the object stated in the beginning of this specification.

My invention will now be understood and its usefulness appreciated.

I am aware that ink-stand covers are made to close automatically upon the withdrawal of the pen by means of springs, and others by counter weights extending outward from the bottle-neck, but I am not aware that the ink-well cover that I have illustrated and described was ever known until my invention thereof.

What I claim is—

An ink-well cover that is in form, fully or approximately, the sector of a sphere, having two round projections from opposite points on its periphery that are on a horizontal plane above the greatest bulk of the cover, in combination with an ink-well having horizontal openings in the walls of the neck adapted to offer bearings to the projections from the periphery of the cover that has place therein, substantially as described and for the purpose expressed.

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

BARTHOLOMEW J. COUHIG.

Witnesses:

M. V. CUNNINGHAM,
J. B. CLAYPOOL.