F. GUTTENDORF.

INK WELL.

APPLICATION FILED MAR. 6, 1909.

944,858. Patented Dec. 28, 1909.

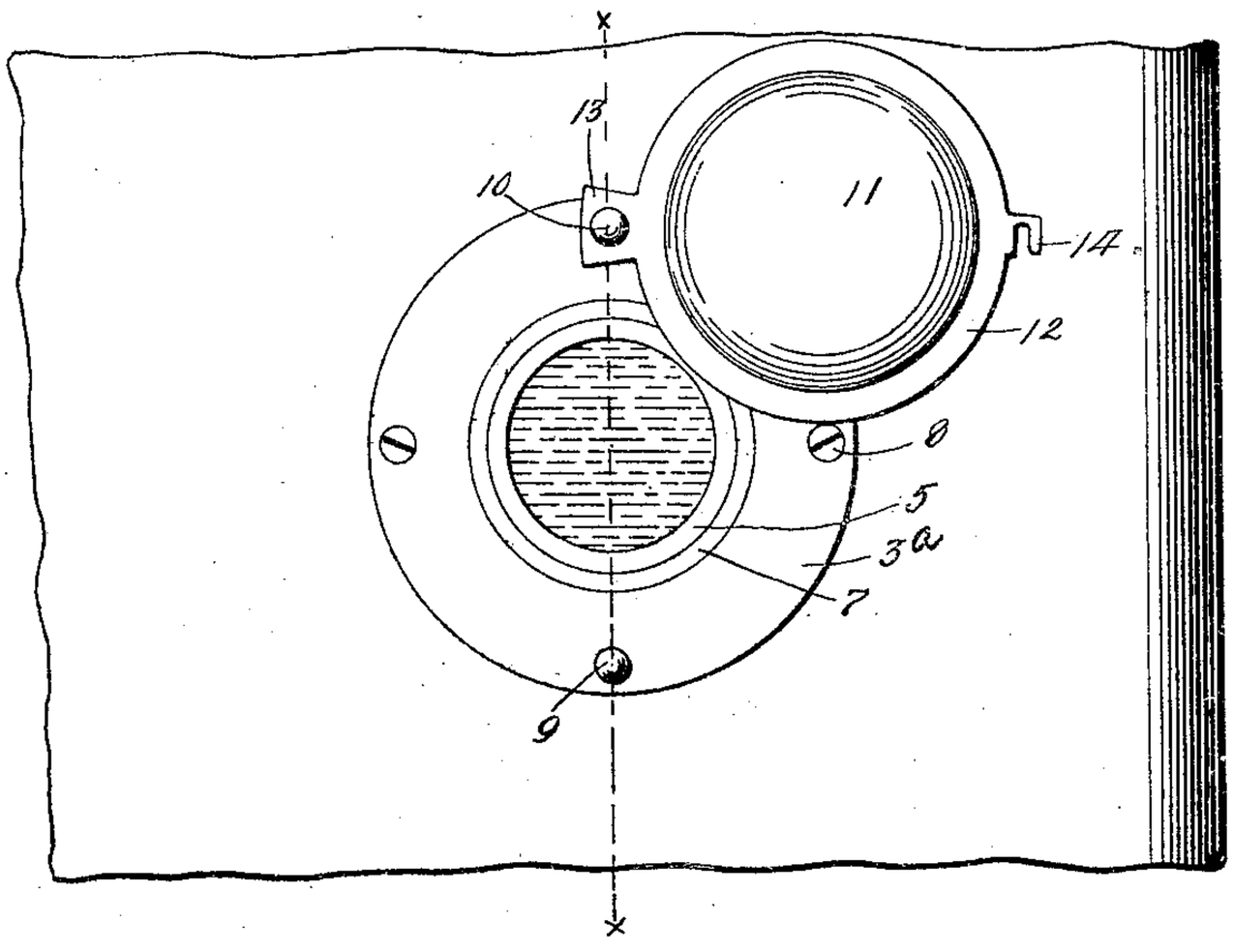

Fig. 1.

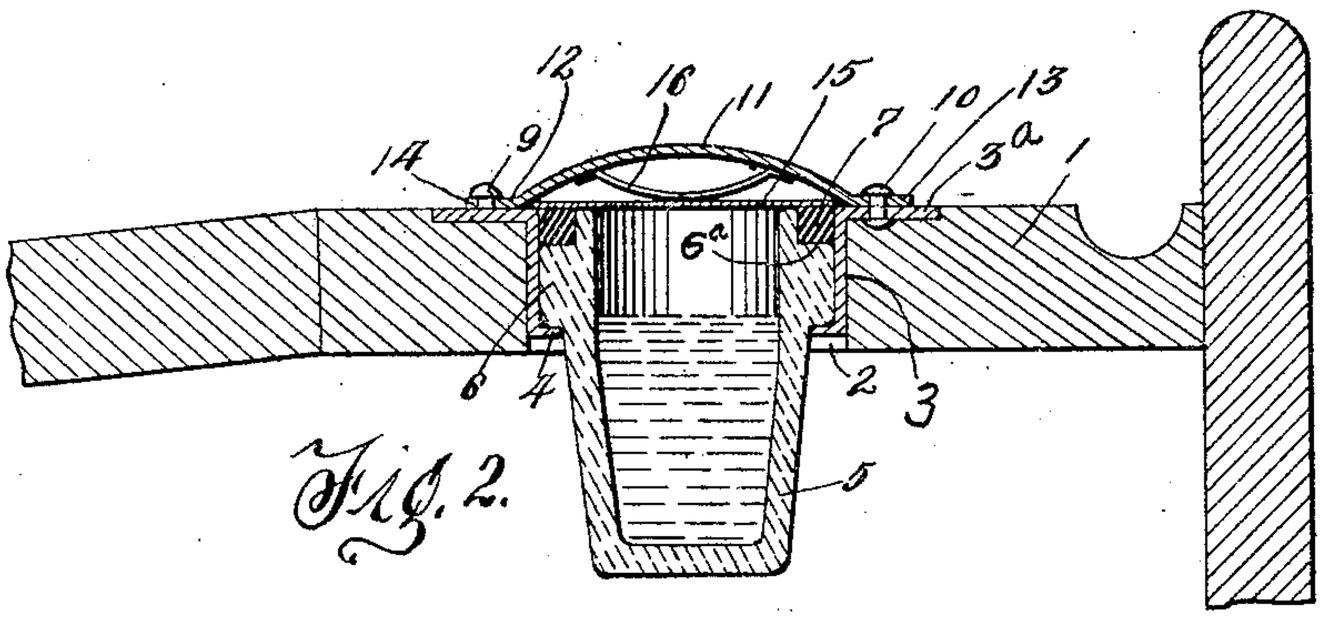

Fig. 2.

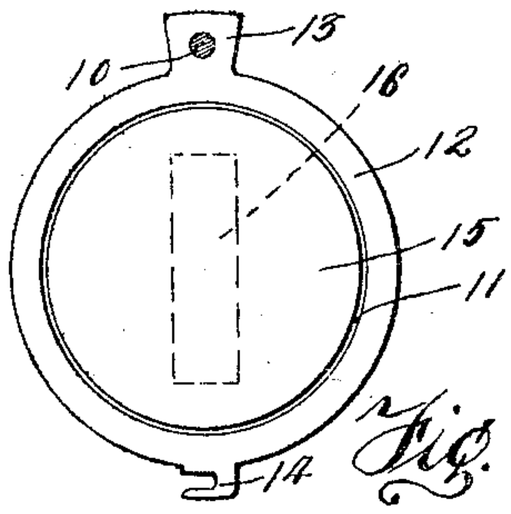

Fig. 3.

Witnesses
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UNITED STATES PATENT OFFICE.

FRANK GUTTENDORF, OF PITTSBURG, PENNSYLVANIA.

INK-WELL.

944,858. Specification of Letters Patent. Patented Dec. 28, 1909.

Application filed March 6, 1909. Serial No. 481,640.

To all whom it may concern:

Be it known that I, FRANK GUTTENDORF, a citizen of the United States of America, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Ink-Wells, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to ink wells, particularly designed for desks, especially school desks.

The invention has for its object to provide novel means in connection with the lid of an ink well, when the lid is closed, thereby preventing evaporation of the ink and foreign matter from accumulating in the same.

A further object of this invention is to provide a simple, inexpensive and durable ink well having a lid that can be easily manipulated to open or close the well.

With the above and other objects in view, which will more readily appear as the invention is better understood, the same consists in the novel construction, combination and arrangement of parts to be presently described and then claimed.

In the drawings, Figure 1 is a plan of the ink well with the lid thereof in an open position, Fig. 2 is a vertical cross sectional view of the same taken on the line X—X of Fig. 1 with the lid in a closed position, and Fig. 3 is a bottom plan of the lid of the ink well.

Referring to the drawings by reference characters 1 denotes a portion of the top of a desk provided with an opening 2. Fitted within the opening 2 is an annular member 3 constituting a support for an ink receiving receptacle 5. The annular member 3 at its top is formed with an annular flange 3^a which is fitted in the upper face of the top 1 of the desk. The upper face of the top 1 being recessed to receive the flange 3^a. The lower end of the member 3 is provided with an inwardly-extending annular flange 4 upon which engages a shoulder formed by the offset portion 6 at the upper end of the top of the receptacle 5. The top of the receptacle 5 is flushed with the flange 3^a and the top of the receptacle 5 is cut away to provide a seat 6^a for a resilient gasket or washer 7, the upper face thereof being flushed with the top of the receptacle 5 and also with the flange 3^a. The annular member is fixedly secured to the desk top through the medium of the screws 8 extending through the flange 3^a and connected to the latter at diametrically opposite points are rivets 9 and 10. The reference character 11 denotes a substantially convexo-concave lid having a flat peripheral flange 12 provided with a laterally-extending notched or hook shaped lug 14 whereby engagement can be had between said lug and the rivet 9. The flange 12 is furthermore provided with a laterally-extending apertured lug 13 which is coupled with the flange 3^a by the rivet 10, the latter constitutes a pivot upon which the lid 11 can swing.

Arranged within the lid 11 is a circular plate 15 and interposed between said lid and said plate 15 is a bow-shaped spring 16 for frictionally holding said plate in engagement with the washer or gasket 7 whereby the receptacle will be sealed when the lid is in a closed position so as to prevent dust and foreign matter from entering the receptacle and furthermore preventing the evaporation of the contents of the receptacle.

The plate 15 fits within the lid 11 and the peripheral edges thereof are adapted to contact with the lid whereby the plate 15 will be moved in unison with the lid when it is desired to be opened.

The ends of the spring 16 can be fixed to the lid and the central portion of the spring attached to the plate consequently insuring movement of the plates with the lid.

Having now described my invention, what I claim as new, is;—

An ink well comprising an annular member adapted to be fitted in an opening of a desk and provided at its top with an outwardly-extending annular flange engaging the upper surface of the desk and furthermore provided at its bottom with an inwardly-extending annular flange, a receptacle extending through said member and provided with a laterally-extending offset forming a shoulder seated upon said flange whereby said receptacle is supported in an upright position, said offset portion terminating at a point removed from the top of the receptacle to provide a seat, a gasket surrounding and flushed with the top edge of the receptacle and mounted upon said seat, a convex-concavo lid having a flattened

perimeter provided with a lug and a hook diametrically opposed to each other, means for pivotally connecting said lug to said flange, a plate arranged within the lid and moving therewith and adapted to seal said receptacle, a spring interposed between the plate and lid for maintaining the plate in a sealing position, and means carried by the flange and adapted to engage the hook for maintaining the lid in a closed position.

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

FRANK GUTTENDORF.

Witnesses:

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K. H. BUTLER.