

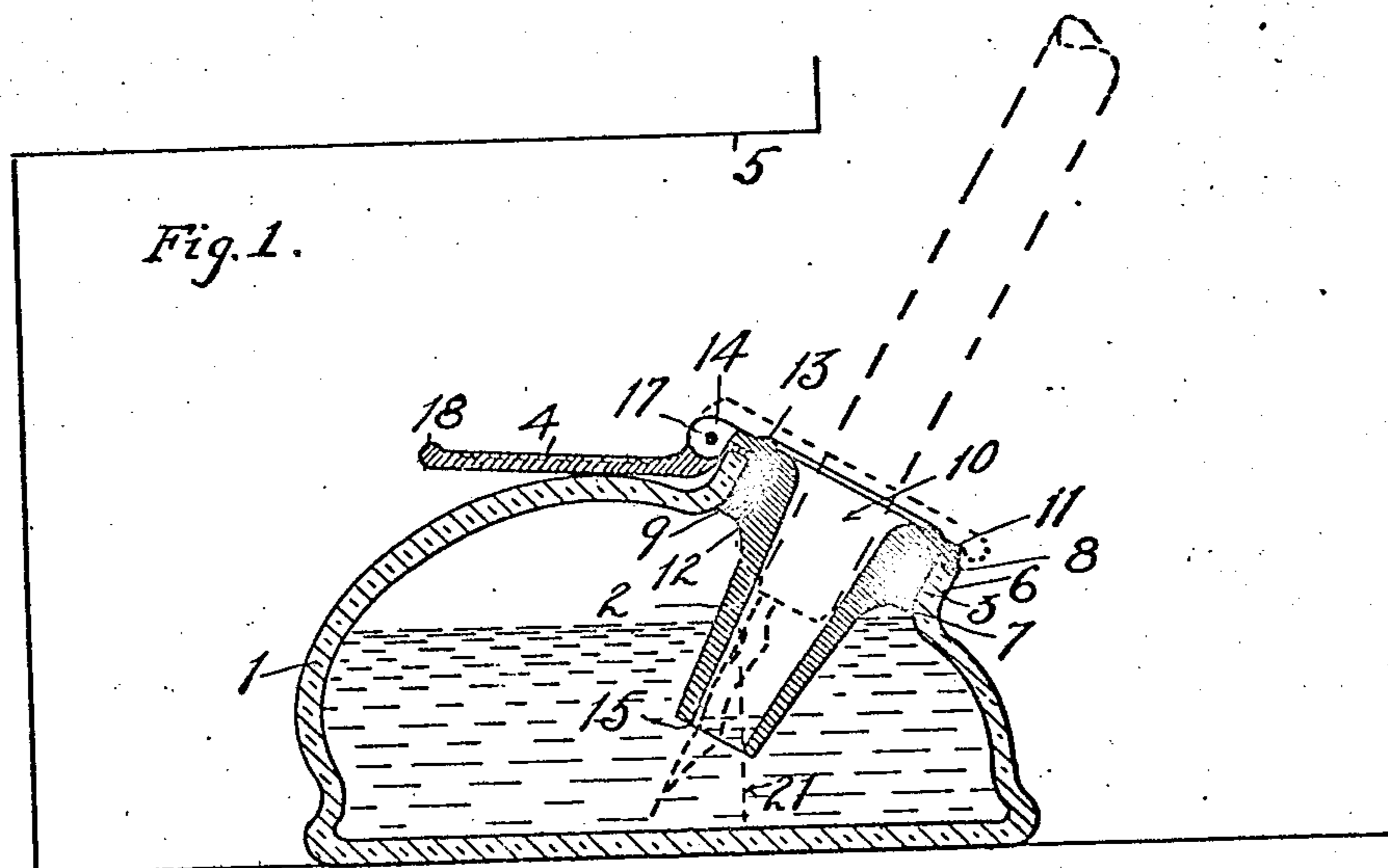
No. 895,464.

PATENTED AUG. 11, 1908.

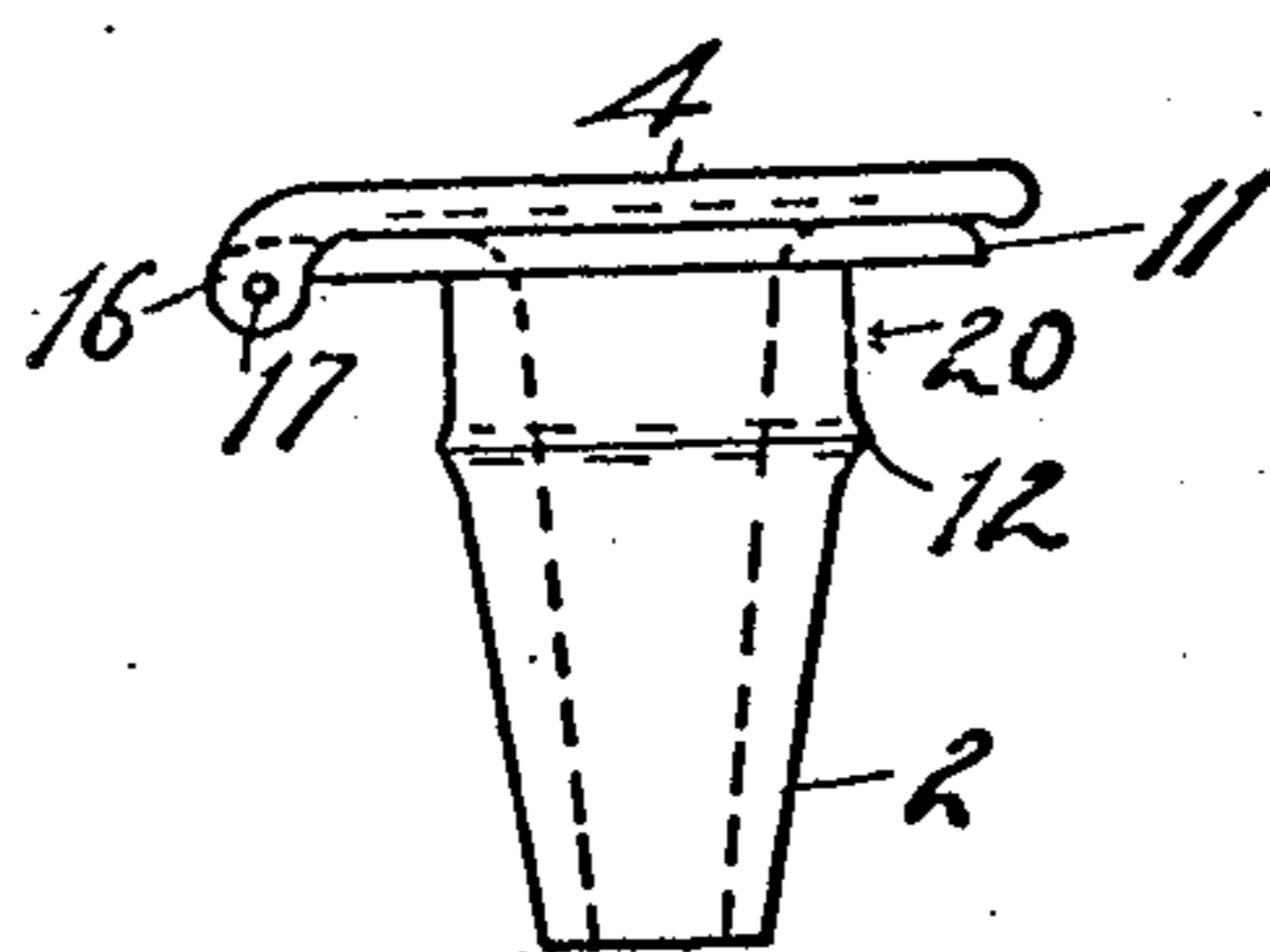
J. W. JACOBUS.

INKSTAND.

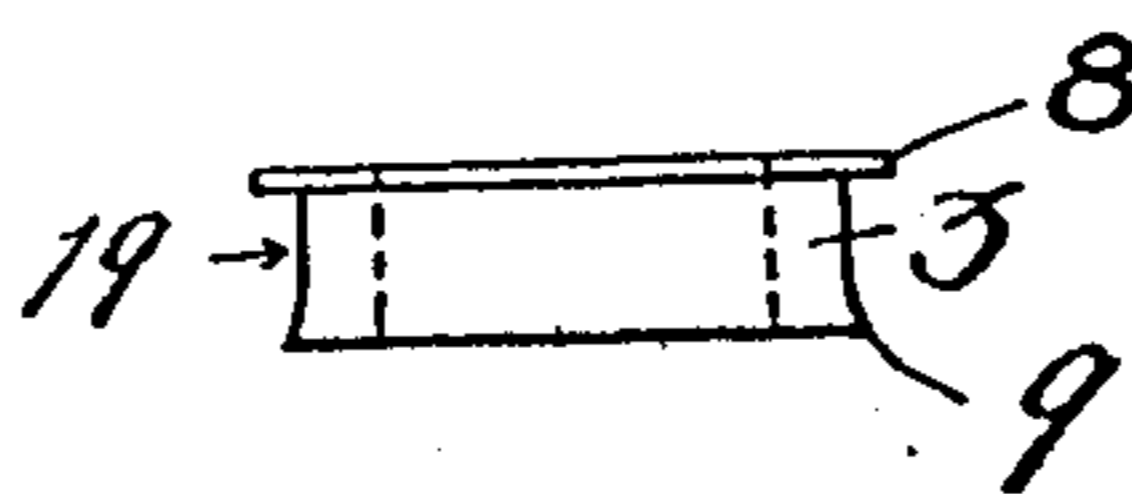
APPLICATION FILED DEC. 3, 1906.



*Fig. 2.*



*Fig. 3.*



Witnesses

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# UNITED STATES PATENT OFFICE.

JAMES W. JACOBUS, OF GREAT NECK, NEW YORK.

## INKSTAND.

No. 895,464.

Specification of Letters Patent.

Patented Aug. 11, 1908.

Application filed December 3, 1906. Serial No. 345,991.

*To all whom it may concern:*

Be it known that I, JAMES W. JACOBUS, a citizen of the United States, residing at Great Neck, county of Nassau, State of New York, have invented certain new and useful Improvements in Inkstands, of which the following is a full, clear, and exact description.

My invention relates to improvements in ink-stands.

For general office and household use it has been found desirable to have the reservoir of the ink-stand accessible at substantially the angle at which a pen is customarily held in writing. This requires less change in the position of the pen in the act of dipping into the ink, and also makes the stand available for use in many cases where an ordinary stand would be inaccessible, as, for instance, beneath a shelf of an office desk. Ink-stands of such characteristics are known but they have the disadvantages of high cost of manufacture, difficulty in filling and liability of spilling and leakage.

It is the object of my invention to overcome these objections and provide an ink-stand of substantial construction and which may have a well balanced, artistic and symmetrical appearance.

The invention consists primarily of a reservoir having an opening or mouth adjacent the top and facing toward the front in combination with a dip tube for the pen which is inclined downward and backward from the front.

In the form shown, the invention contemplates the use of a packing ring for effecting an air tight joint between the reservoir and the tube.

It also includes preferably a hinged cover for the tube.

The principles of the invention are illustrated in the accompanying single sheet of drawings and more fully described and specified in the following specification and claims.

Figure 1 is a vertical section of an ink-stand embodying the improvements of my invention and shown beneath the shelf of a desk, the ink-stand being open. Fig. 2 is a side view of the dip tube for the pen and the cover, the latter being in its closed position. Fig. 3 is a side view of the packing ring for affording a bearing or seat for the tube.

The principal elements are the reservoir 1, preferably made of glass, the dip tube 2, preferably made of hard rubber or similar

non-corrodible material, the packing ring 3, preferably made of soft rubber, and the cover 4, preferably made of material similar to tube 2.

5, is a desk shelf.

In the form shown, the mouth or opening in the reservoir is formed by a neck or flange 6, terminating on the interior in the shoulder 7. Such a construction may conveniently and economically be made of blown glass.

The packing ring 3, in the form shown, has a flange 8, which corresponds substantially with the outer edge of flange 6, of the reservoir and serves to limit the inward movement of the ring in assembling the parts. The ring also preferably has a lip or shoulder 9, adapted to co-act with shoulder 7, of the reservoir when the ring is in place so as to prevent the ring being pulled out accidentally.

The dip tube itself has a passage 10, for the pen. This passage is preferably slightly tapering in form and of just sufficient size to conveniently permit the introduction of an ordinary pen. The lower end of this tube approaches the bottom of the reservoir. The upper end of the tube in the form shown has a flange 11, which, when the parts are assembled, rests against flange 8, of the ring 3, and prevents the tube from being pushed too far into the reservoir. This tube also preferably has a shoulder or projecting flange 12, adapted to co-act with the lower inside edge or ring 3, when the parts are assembled so as to prevent accidental displacement of the tube and hold the parts together more securely. The tapering form of the tube permits its ready introduction into the ring in the act of assembling, while the yielding quality of the rubber ring permits the shoulder 12, to be forced into place. The outer end of the tube or its flange is preferably provided with a slightly raised flange 13, for affording a better joint and seat for the cover so as prevent the entrance of dust and also hinder evaporation of the ink. A downward and backward turned lug 14, is also provided for the hinge joint. As the ink is used from the reservoir, the level of course is lowered and air must pass in to take the place of the ink removed. The entrance of the air past the edge 15, is greatly facilitated by the inclination of the lower edge of the tube.

The cover 4, has a downward and backward turned lug 16, pivoted at 17, to lug 14, of the tube flange. This formation permits

the cover to lie backward out of the way as shown in Fig. 1. I also preferably provide an extension lip 18, on the front edge of the cover which projects slightly beyond flange 5 11, of the tube, so that the cover may be readily grasped by the fingers or lifted by means of the pen for the purpose of opening. The cover is also preferably hollowed out or provided with a recess or groove corresponding with flange 13, of the tube. 10

It will be noted that the flange 8, and 9, of the packing ring provide in effect a groove 19, into which the flange 6, of the reservoir fits. The tube flanges 11, and 12, similarly 15 provide in effect a groove 20, in which fits the packing ring 3. These groove like formations, while rendering it somewhat more difficult to assemble the parts, effectually prevent accidental displacement of the parts 20 and cooperate to produce an absolutely air tight joint.

The reservoir when empty may be filled by turning it at right angles to the position shown and then pouring the ink through the 25 passage 10, in the tube. The limit of level of the ink will then be the plane of the line 21. When the ink-stand is turned to its normal position, the level of the ink in the reservoir will then be substantially as shown. A disadvantage of filling in this manner, however, 30 is that the ink moistens the passage in the tube and thus tends to smear the pen in future use. It is also important that the reservoir be kept clean. For these reasons, I prefer to 35 make the tube removable. When the tube is removed, the reservoir may be filled in the position shown. In which event, the ink will naturally be permitted to rise to about the height of shoulder 7, as it is shown in the 40 drawing. When the tube is inserted, the thumb may be placed over the outer end of the tube or a cork may be employed to prevent ink rising into the lower end of the tube above the level shown in the drawing. If 45 this precaution is not taken, of course the level of the ink in the tube will be the same as that in the reservoir. By tipping the stand,

however, so that the base is vertical, all the ink in the tube will run out into the reservoir. When the reservoir is righted, the ink will 50 reach only the position shown. In any event, the ink in the tube, above the level shown, will soon be used up after which the action of the ink-stand is truly barometric. When the tube is removed the reservoir may 55 be readily cleaned thoroughly. While a cover is not absolutely essential, it is desirable, and I prefer to provide a hinged joint which is cheap to manufacture and is satisfactory in operation. If desired, the flange 60 13, may be of soft rubber or similar yielding material to provide a better seat for the cover and to prevent noise or injury in closing the cover.

What I claim is: 65

1. An inkstand comprising, a reservoir having an opening adjacent the top surrounded by a flange whose edge lies in a plane inclined at an acute angle from the horizontal, a dip tube removably secured in 70 said opening and a cover hinged to said dip tube and adapted to lie back of said flange when open.

2. An inkstand comprising, a reservoir having an opening in its upper front portion, 75 a yielding packing ring seated in said opening and having a flange overstanding the edge of said opening and a dip tube seated in said ring and having a flange overstanding the outer edge of said ring, said tube extending 80 diagonally downward and backward into said reservoir.

3. An inkstand comprising a body having a restricted opening in its upper front portion, a yielding ring in said opening, a dip 85 tube removably seated in said opening, inclined downward and backward and provided with a shoulder overstanding the ring and another shoulder beneath said ring.

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Witnesses:

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