No. 672,167. Patented Apr. 16, 1901.

J. H. HIGGINS.

INK STAND.

(Application filed Nov. 3, 1900.)

(No Model.)

Fig. 1.

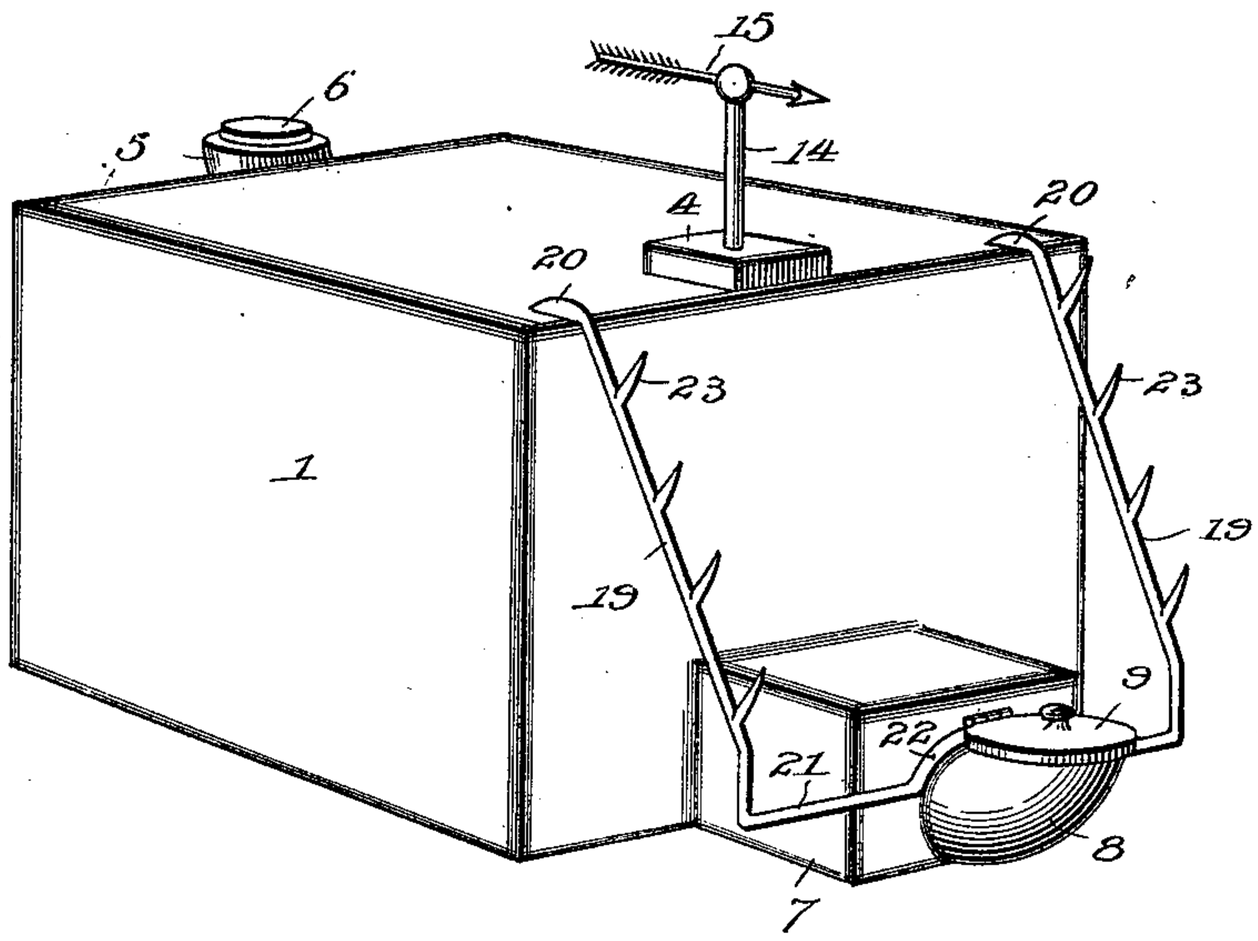
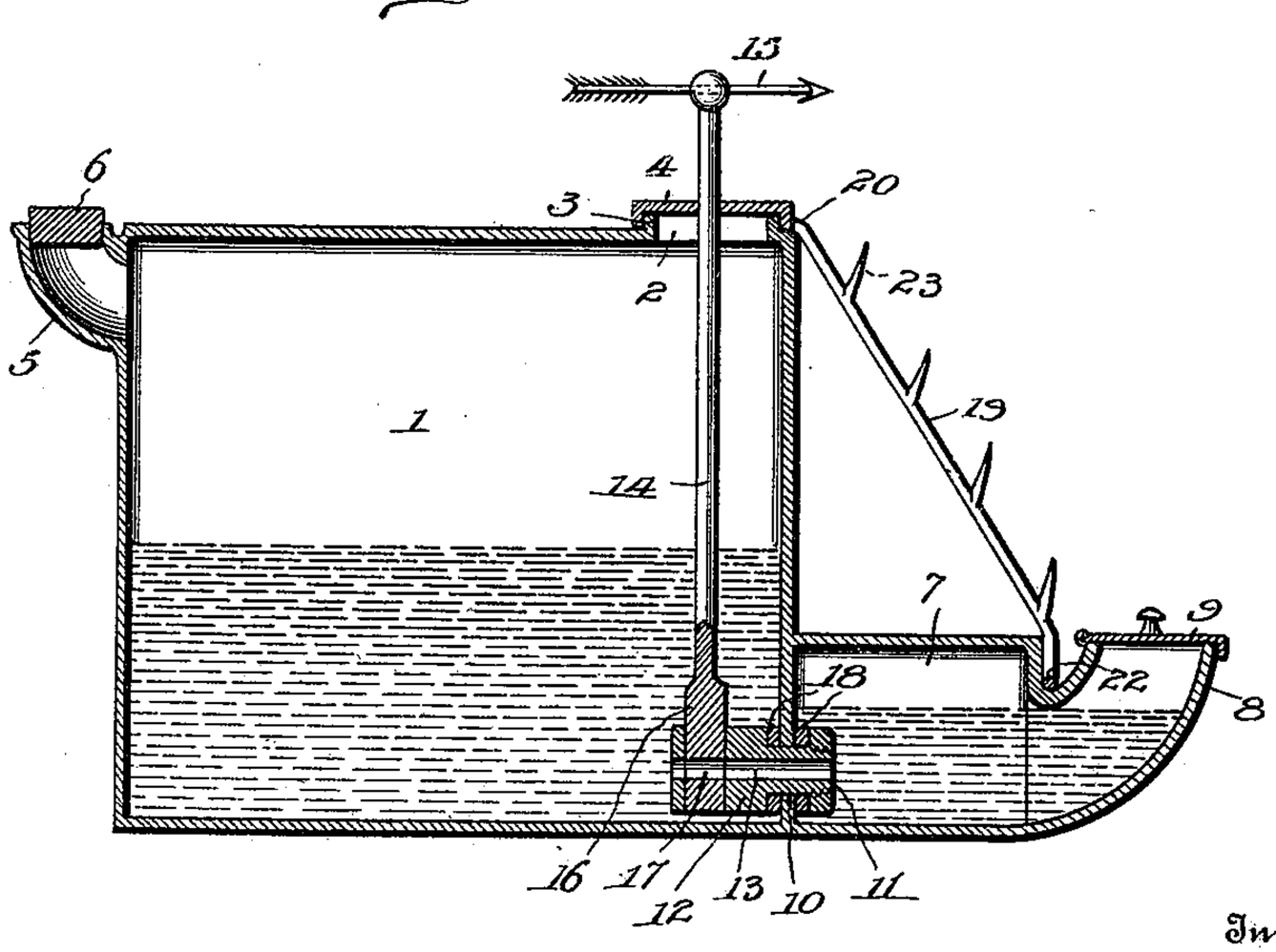


Fig. 2.



Inventor

James H. Higgins.

Witnesses

Harry S. Robbins.

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UNITED STATES PATENT OFFICE.

JAMES H. HIGGINS, OF WHITWELL, TENNESSEE.

INKSTAND.

SPECIFICATION forming part of Letters Patent No. 672,167, dated April 16, 1901.

Application filed November 3, 1900. Serial No. 35,413. (No model.)

To all whom it may concern:

Be it known that I, JAMES H. HIGGINS, a citizen of the United States, residing at Whitwell, in the county of Marion and State of Tennessee, have invented new and useful Improvements in Inkstands, of which the following is a specification.

This invention relates to new and useful improvements in inkstands; and its primary object is to provide a device of this character having a reservoir adapted to contain a suitable amount of ink and which communicates, through a valved passage, with the consuming-well.

The invention consists in the novel construction and combination of parts hereinafter more fully described and claimed, and illustrated in the accompanying drawings, showing the preferred form of my invention, and in which—

Figure 1 is a perspective view of the device, and Fig. 2 is a longitudinal section.

Referring to said figures by numerals of reference, 1 is a reservoir of any suitable form having an opening 2 in the top thereof, about which is arranged a flange 3. This flange is adapted to project into a suitable cover or closure 4. A hollow stem 5 projects from one of the walls of the reservoir and is provided with a plug 6 or other suitable means whereby the same may be readily closed. Extending forward from one of the walls of the reservoir is a distributing-well 7, from the front face of which extends a forwardly-curved tubular portion 8, having a cover 9 hinged to the rear edge thereof. That portion of the wall which lies between the reservoir and the consuming-well is provided with an aperture 10, adapted to receive a threaded stem 11, extending forward from a block 12, having a passage 13 extending longitudinally therethrough and through the stem. A nut is mounted upon the stem for holding the same in position. A rod 14 extends through and is revoluble within the closure of the reservoir and is provided with a suitable handle 15, whereby the same may be readily turned. This handle is constructed in the form of an indicator, which serves to indicate whether or not the passage in the turning plug registers with the passage in the block 12. The lower end of the rod is preferably enlarged, as at 16, and this enlarged end is revoluble within the block 12, before referred to, and is provided with a passage 17, which is adapted to be brought into alinement with the passage 13, before mentioned.

In order to prevent leakage of ink through the joint between the wall of the reservoir and the stem 11, I preferably provide washers 18, which inclose said stem and are clamped between the wall and the block and the wall and nut, respectively.

A suitable pen-rack 19 is provided, the free ends 20 thereof being secured to the top of the reservoir, while the intermediate portion 21 is concaved, as at 22, and adapted to bear upon the upper portion of the tubular stem 8.

Prongs 23 or other suitable devices project from the rack and are adapted to retain pens, &c., in position thereon.

Ink is placed within the reservoir through the stem 5. When it is desired to admit ink to the well 7, the handle 15 is turned until the passage 17 within the end of the rod 14 is in alinement with the passage within the block 12. The ink will then readily flow through said block into the well, as the pressure of the air in the reservoir and well is equal. As soon as a sufficient amount of ink has been admitted to the well the supply may be shut off by turning the rod 14.

It will be seen that the device is simple in construction and effective in operation and that the block 12 after being placed in position within the reservoir cannot be removed as long as the rod 14 is in position.

In the foregoing description I have shown the preferred form of my invention; but I do not limit myself thereto, as I am aware that modifications may be made therein without departing from the spirit or sacrificing the advantages thereof, and I therefore reserve the right to make all such changes as fairly fall within the scope of my invention.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In an ink-well, the combination with a reservoir, having an outlet thereto provided with a closure, of a well integral with the reservoir, a partition between the reservoir and the well, a block having a passage therein secured in the partition, a turning plug in the

block provided with a passage adapted to register with the passage of the block, a vertical stem to the turning plug extending through an opening in the upper wall of the reservoir and an indicator secured to the end of the vertical stem.

2. In an ink-well, the combination with a reservoir having an inlet thereto provided with a closure, of a well integral with the reservoir, a partition between the reservoir, and the well, a block in the reservoir having a passage therein said block being provided with a threaded stem arranged to pass through the partition into the well, a nut on the threaded stem adapted to hold the same in position, packing-washers between the block and the partition, and the partition and the nut, a turning plug in the block, having a passage adapted to register with the passage in the block and a vertical stem attached to the turning plug, said stem passing through an opening in top of the reservoir and terminating in a handle.

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

JAMES H. HIGGINS.

Witnesses:
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A. W. HILLIARD.