D. H. EDWARDS.

INK AND MUCILAGE STAND.

APPLICATION FILED JULY 31, 1908.

**944,181.** Patented Dec. 21, 1909.

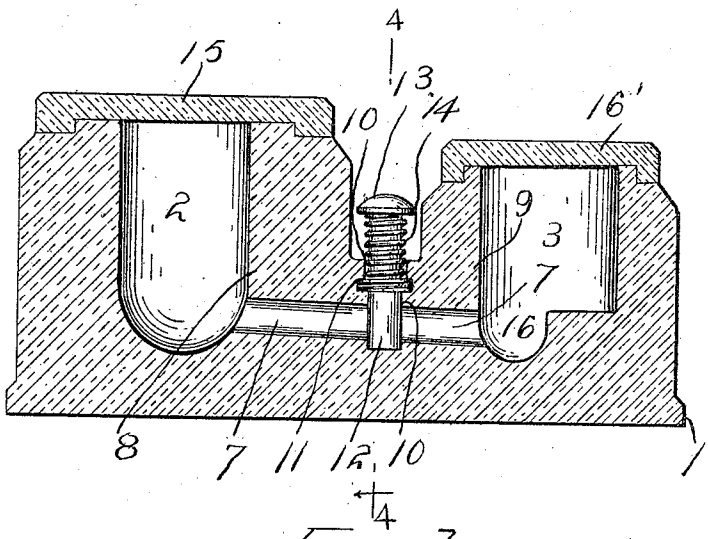


Fig. 1.

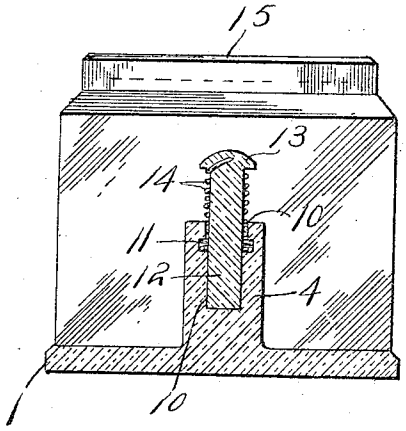


Fig. 2.

Witnesses

J. C. Simpson.

F. B. MacNab

Inventor

David H. Edwards.

By Howson & Howson

Attorneys

# UNITED STATES PATENT OFFICE.

DAVID H. EDWARDS, OF CHICAGO, ILLINOIS.

## INK AND MUCILAGE STAND.

944,181. Specification of Letters Patent. Patented Dec. 21, 1909.

Application filed July 31, 1908. Serial No. 446,324.

*To all whom it may concern:*

Be it known that I, DAVID H. EDWARDS, a citizen of the United States, residing at Chicago, in the county of Cook, State of Illinois, have invented certain new and useful Improvements in Ink and Mucilage Stands; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to ink and mucilage stands and like receptacles; and its primary object is to provide a device of this character having a supply reservoir and consuming well integrally or rigidly connected and resting upon a suitable base, the said supply reservoir communicating with the consuming well by means of a valved passage way or duct.

Another object is to provide an inkstand wherein the flow of ink from the supply reservoir to the consuming well may be regulated with ease and efficiency.

Further objects and advantages of my invention will appear from the following description and claims, with reference to the accompanying drawings, which form a part of this specification.

Figure 1 is a longitudinal sectional view taken on the longitudinal median plane. Fig. 2 is a sectional view on the line 4—4 of Fig. 1.

Throughout the drawings, like numerals indicate like parts.

By referring to the above mentioned drawings, it will be seen that the numeral 1 indicates a base or support. Secured to said base by any suitable means are the supply reservoir 2 and consuming well 3 which in turn are integrally connected by means of the neck portion 4. A duct or channel-way 7 extends transversely through the wall 8 of the supply reservoir 2, thence through the neck portion 4, and the wall 9 of the consuming well 3, the said duct or channel-way having a direct outlet into an offset depression 16 formed in the bottom of the said consuming well. The neck portion 4 is provided with a vertical aperture of any desired shape as at 10, said aperture being enlarged at the point 11. It will appear that the aperture 10 meets and extends downwardly beyond the channel-way or duct 7. A cylindrical rod or valve 12 with an enlarged head 13 is adapted to snugly fit within the above-mentioned aperture 10, and when in normal position, will effectually intercept and close the duct 7. This rod 12 is held in position by means of the coil spring 14 which encircles the upper portion of said rod, the upper end being fastened in the head 13, while the lower end thereof is wound into a ring portion which is seated within the aperture 11. Both the supply reservoir 2 and the consuming well 3 are provided with close fitting covers 15 and 16′ respectively.

From the foregoing description, it will be apparent that when the supply reservoir is filled with ink and the plunger rod, which forms a valve for the communicating passage is raised, and the desired amount of ink has run from the supply reservoir into the consuming well, the plunger rod may be released and brought back to its normal position by means of the coil-spring, and thus the flow of ink may be effectually shut off.

It will be seen that the communicating passage-way, which runs from the supply reservoir to the consuming well, does not enter the consuming well directly, but opens into an offset depression formed at one side of the bottom of the said well. I provide this offset depression to overcome the objectionable features of an ordinary inkwell, *i. e.*, that of having the bottom of the well covered with sediment, which invariably sticks to the end of the pen when it is dipped into the ink. Further, it will be understood that while I have shown but one form of my invention, I reserve the right to make any and all changes which may come within the scope of my invention, as indicated in the specification and claims.

What I claim and for which I desire to secure Letters Patent, is:

1. In a device of the class described, a supply reservoir, a consuming well, a conduit connecting the reservoir and well, said conduit being provided with a wall having an aperture therein provided with an annular groove, a valve located in said aperture and a spring having one end thereof secured to the valve means and the other end fastened in said annular groove, for holding said valve normally closed.

2. In a device of the class described, a supply reservoir, a consuming well, an interposed neck portion connecting said reservoir and well, having a passageway extending through said neck portion from said res-

ervoir to said well, said neck portion being provided with a vertical aperture extending downwardly below said passageway and having an offset circular groove formed therein, and valve means fitted within said aperture, and comprising a rod provided with an enlarged head, a coil-spring wound about the upper portion of said rod, and having its upper end fastened to said head, and its lower portion seated within said circular groove to hold said valve normally closed.

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

DAVID H. EDWARDS.

Witnesses:
R. H. WILLSON,
PHIL. BETZ.