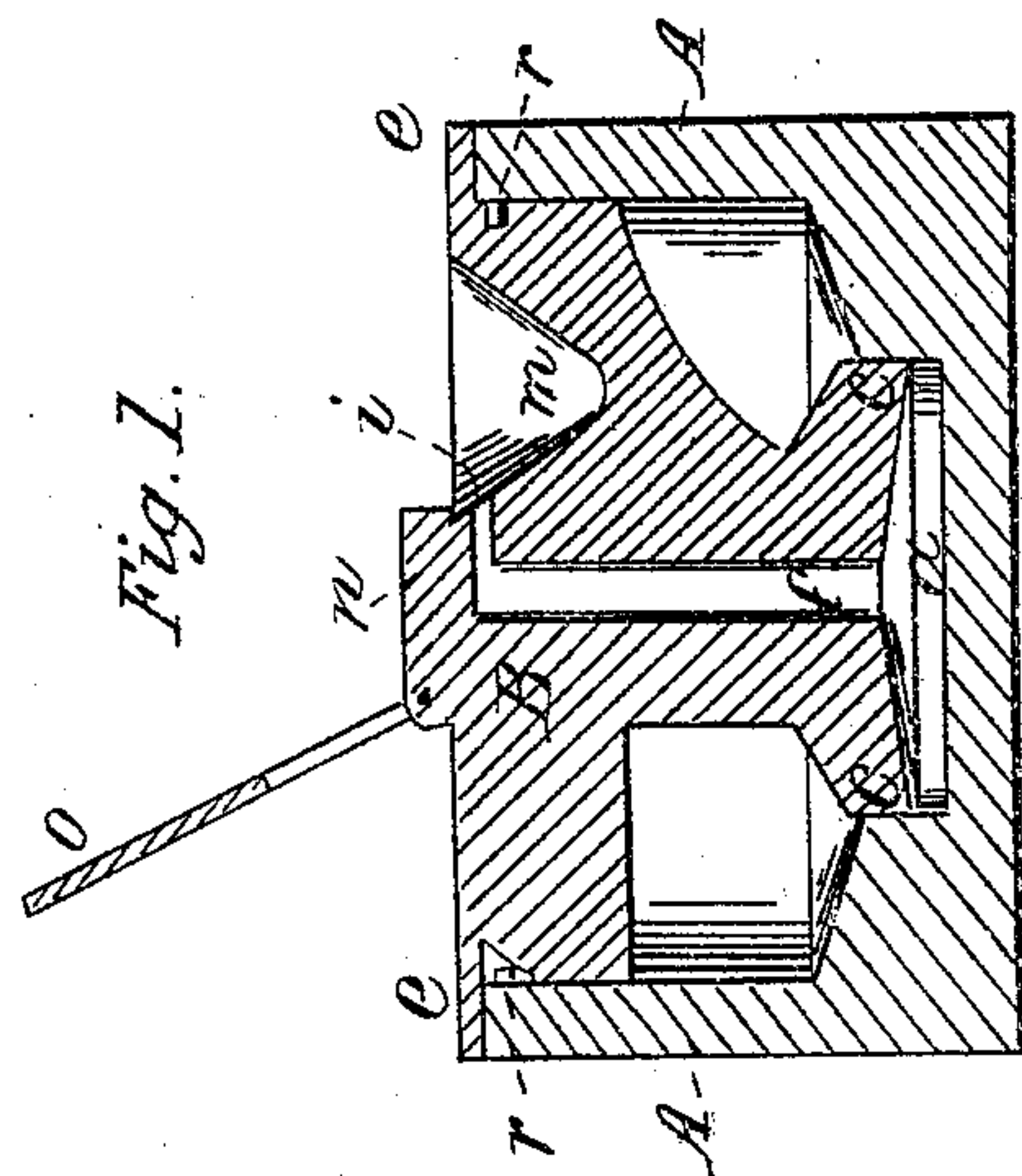
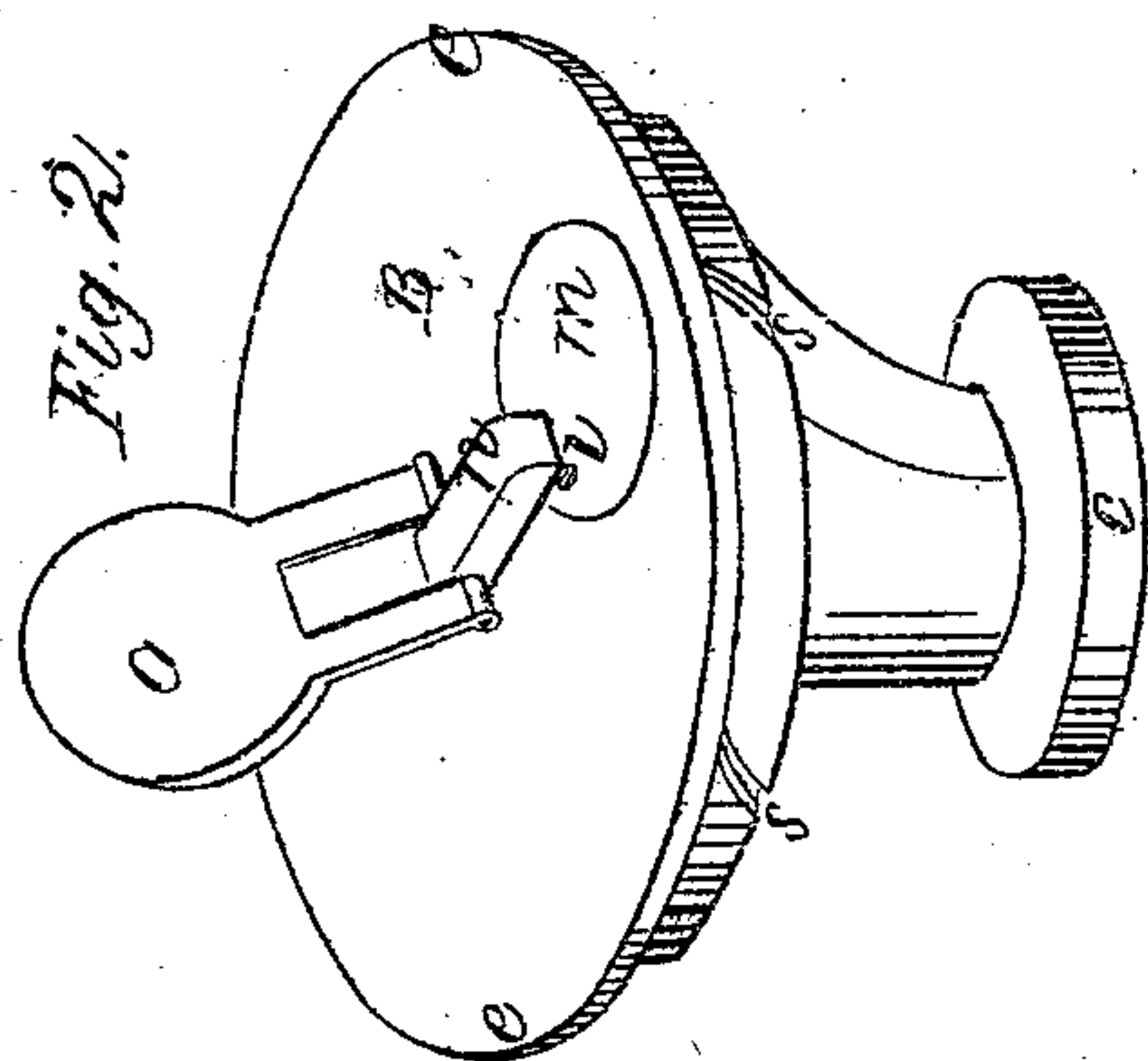


O. H. Jadin,
Inkstand.

No. 22,123.

Patented Nov. 23, 1858.



Witnesses.
A. J. Pierce
A. P. Shields

O. H. Jadin

UNITED STATES PATENT OFFICE.

ORLANDO H. JADWIN, OF CARBONDALE, PENNSYLVANIA.

INKSTAND.

Specification forming part of Letters Patent No. 22,123, dated November 23, 1858; Reissued February, 24, 1863, No. 1,419.

To all whom it may concern:

Be it known that I, ORLANDO H. JADWIN, of Carbondale, in the county of Luzerne and State of Pennsylvania, have invented a new and useful Improvement in Fountain Inkstands; and I do hereby declare the following to be a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1, represents a vertical central section through the inkstand, and Fig. 2, represents a perspective view of the plunger or fountain removed from the reservoir.

Similar letters of reference where they occur in the separate figures denote like parts in both of the drawings.

I am aware that, a plunger has been used in an inkstand, for forcing up ink from the reservoir into a cup which is a combination of the opening through said plunger, but unless the inkstand be entirely tight, the liquid will flow back from such cup into the reservoir or bowl, and it requires a constant manipulation of the plunger, to keep the cup supplied. I am also aware that the cup of an inkstand has been supplied by tipping the bowl or reservoir. I claim neither of these things.

My invention consists, in combining with a hollow plunger for forcing up the ink from the bowl, a cup which shall receive and retain such ink without any liability of its flowing back into the reservoir.

To enable others skilled in the art to make and use my invention, I will proceed to describe the same with reference to the drawings.

A, represents the bowl or reservoir of the inkstand. It may be made of glass, or metal, or parts of each, and of any desired shape or form plain or ornamental. In the bottom of this bowl, on the inside thereof, there is formed a recess or chamber *a*, into which a plunger *c*, on the lower end of the fountain B, should snugly fit. This plunger B, may also be of glass, or metal, or parts of each, and be made in one piece, when made of one material. Its top *e* may be wide enough to cover the whole of the top of the

bowl A—or, the top of the bowl may be turned inward so as to form flanges, on, in, or against which the top of the plunger may rest or be supported, which will admit of the plunger being made much narrower than shown in the figures. All such forms, changes, or alterations obviously have nothing to do with the principle of its action, and is mere construction which may be varied to suit the convenience of the maker or user. The bottom of the plunger may be slightly convex; and an opening *f*, is made through it, which rises perpendicularly to near its top, and then extends horizontally as shown at *i*, and leads into a small cup or recess *m*, formed in the top of the plunger or fountain as I have heretofore termed it.

n, is a cap piece over the opening *f*, *i*, and to this, or to any other part of the fountain or bowl may be hinged a lid or cover *o*, for protecting the ink in the cup *m*, from the air or dust.

On the inside of the bowl, near its top, are studs, pins, or projections *r*, *r*; and on the plunger B, are cam slots *s*, *s*, that take over these pins so that by simply turning the plunger, it will rise or fall, as the case may be, and this rising to allow the ink to run under the plunger, and then lowering the plunger on the fluid, forces it up through the passage *f*, *i*, into the cup *m*. Of course this rising and falling of the plunger, may be effected by a screw, or any other well known devices, without changing the principle of the operation. The main body of the ink in the reservoir may be entirely cut off from that which temporarily supplies the cup, by packing the plunger at *c* to make it tightly fit the recess *a*. If it is desirable to do so, the ink in the cup *m*, can be run back into the reservoir, by tipping back the inkstand, the cap piece *n* guiding or directing it to the opening *i*, and thence through *f*, to the reservoir. When this is to be done the plunger should be first slightly raised, to leave space for the ink to flow back into—but where the supply is regulated to the demand for the time being, there would be little economy in running back any small quantity that might remain in the cup.

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

- 5 In combination with a hollow plunger for raising the ink, an independent cup for holding said ink, and from which it can-

not, by the ordinary want of tightness, flow back into the reservoir, substantially as described.

ORLANDO H. JADWIN.

Witnesses:

H. P. PIERCE,
A. B. SHIELDS.

[FIRST PRINTED 1911.]