

(No Model.)

R. G. YOUNG.
INK WELL.

No. 472,649.

Patented Apr. 12, 1892.

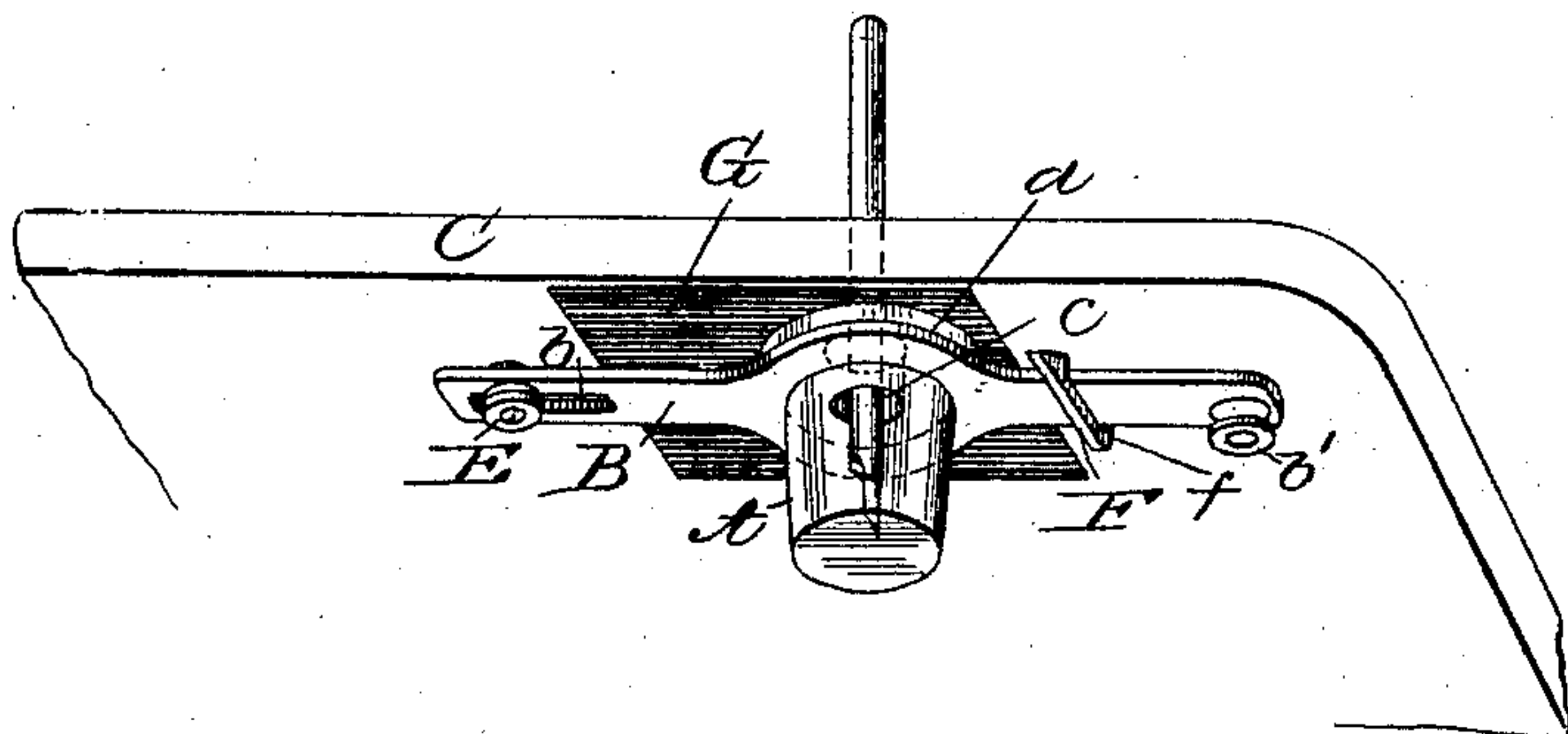


Fig. 1.

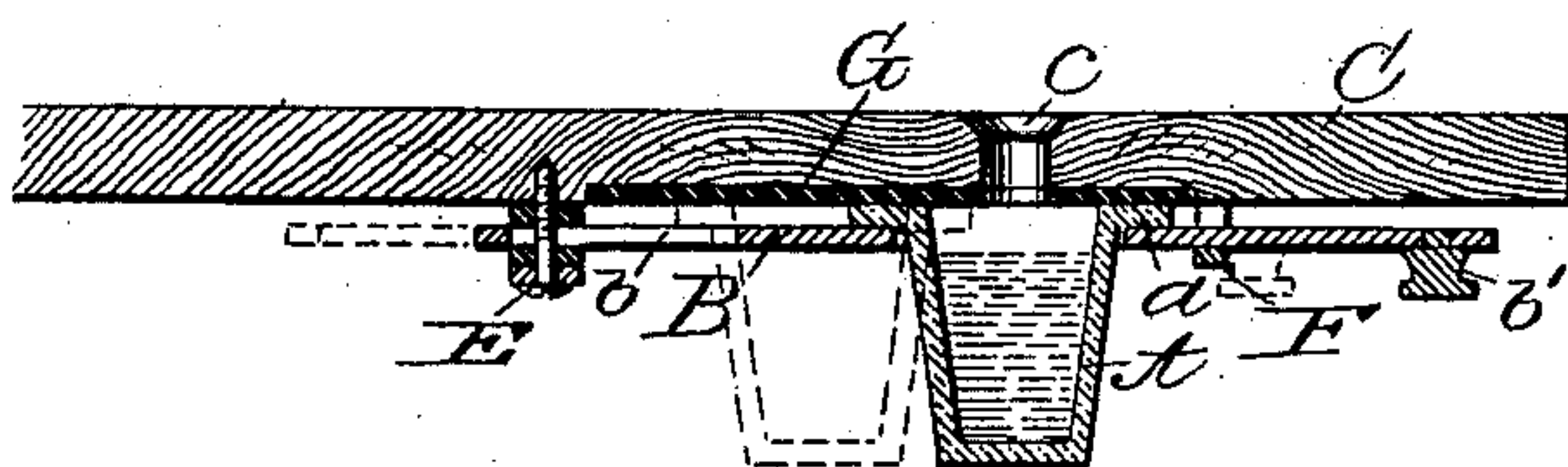


Fig. 2.

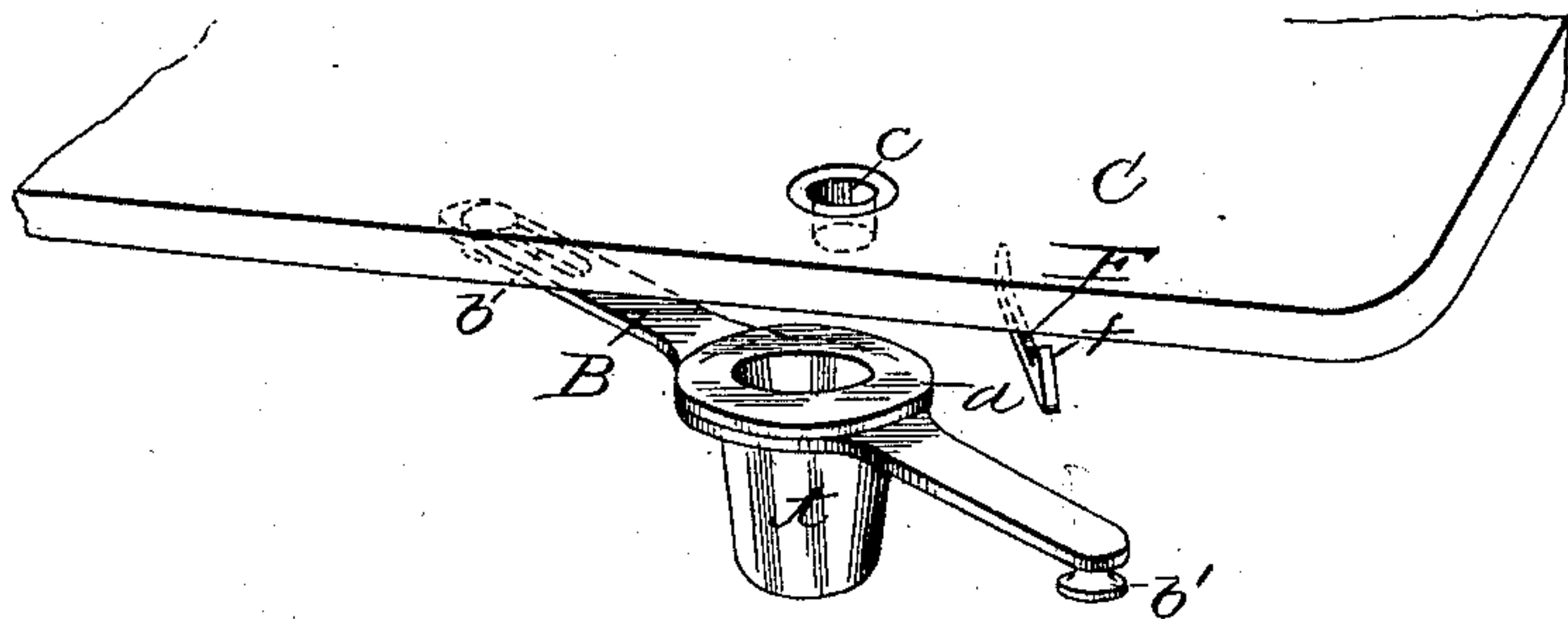


Fig. 3.

Witnesses:
Arthur Ashley
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Inventor:
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Att'y

UNITED STATES PATENT OFFICE.

ROBERT GUY YOUNG, OF HELENA, MONTANA, ASSIGNOR OF ONE-HALF TO
THOMAS B. MILLER, OF SAME PLACE.

INK-WELL.

SPECIFICATION forming part of Letters Patent No. 472,649, dated April 12, 1892.

Application filed November 24, 1891. Serial No. 412,917. (No model.)

To all whom it may concern:

Be it known that I, ROBERT GUY YOUNG, of Helena, county of Lewis and Clarke, and State of Montana, have invented a new and useful Improvement in Ink-Wells, of which the following is a specification.

The aim of my invention is to provide simple and durable means whereby an ink-well may be supported in connection with a school-desk in such manner as to be practically noiseless, to prevent evaporation, and to admit of its being covered and uncovered at will without soiling the fingers, and of its being readily removed for the purposes of filling and cleansing.

In the accompanying drawings, Figure 1 is a perspective view looking against the under side of a desk-top provided with my ink-well attachment. Fig. 2 is a longitudinal vertical section through the parts shown in the first figure. Fig. 3 is a perspective view, looking downward upon the top of the desk and illustrating the manner in which the support is released and adjusted to permit the removal of the ink well or cup.

In carrying my invention into effect I provide an ink well or cup A, of glass or other suitable material and of any suitable form, but preferably with a flange or lip *a* around its top, as represented in the drawings. I also provide a flat metallic bar or arm B, having midway of its length an opening adapted to receive and sustain the well and having, also, at one end a longitudinal slot *b* and at the other a depending knob or handle *b'*, the latter being a desirable but not a necessary feature.

C represents the top of the desk or table, provided with a vertical opening *c*, through which the pen may be inserted into the well thereunder. To the under side of the desk thus provided with a pen-opening I apply the arm B, sustaining it at one end by means of a screw or pivot E, inserted through the slot therein, and at the opposite end by a horizontal finger F, one end of which is fixed to the desk, while the opposite end is projected horizontally beneath the arm B and provided with a lip or shoulder *f* to hold the arm in place

thereon. The arm B thus mounted beneath the desk, as shown in Fig. 1, serves to support the well beneath the top of the desk. The slot in the end of the arm permits it to be moved longitudinally, so that it may, on the one hand, present the mouth of the well in position beneath the pen-opening, as represented in full lines in Fig. 2, or, on the other hand, carry the mouth of the well away from the opening and against the under surface of the desk, by which it will be closed, as shown in dotted lines in Fig. 2, to prevent evaporation of the ink. Thus it will be seen that the opening and closing of the well is effected by simply sliding the bar B endwise and without danger of soiling the fingers.

In order that the mouth of the well may be the more effectually sealed and evaporation prevented, I propose to seat in or against the under side of the desk-top a sheet or cushion G, of rubber or other soft material, and to bend one end of the bar or arm B slightly downward, so that when suspended by the catch or arm *f* it will force the mouth of the well upward tightly against the under side of the machine, as plainly indicated in the drawings.

When it is required to remove the well, it is only necessary to lift the end of the arm B clear of the catch *f*, whereupon the arm may be swung around horizontally upon the pivot E, so as to carry the well beyond the edge of the desk, as shown in Fig. 3, when it may be readily lifted out of the arm.

The essence of my invention lies in mounting the ink-well in a support which has not only a reciprocating motion beneath the desk to open and close the well, but also a movement outward to expose the well beyond the desk; and it is manifest that the details of construction may be variously modified without departing from the scope of the invention.

Obviously the device may be applied to a stand or support of any suitable character other than the desk.

Having thus described my invention, what I claim is—

1. In combination with a lid or support having a pen-opening therethrough, an ink-well,

and a supporting bar or plate therefor mounted to move to and fro beneath the support and also to swing outward beyond the support at will, substantially as described.

5 2. In combination with the desk-top or like support provided with the pen-opening, the ink-well, the well-supporting bar mounted at one end to slide and to turn horizontally, and the finger adapted to support the opposite end
10 of the bar and to resist its swinging motion, substantially as described.

3. In combination with the desk-top having an opening therethrough, the flanged ink-well, its supporting-bar B, slotted at one end, the

pivot extended through said slot, and the supporting-finger F, having the lip *f*. 15

4. The combination of the perforated desk-top and the cushion thereunder, the ink-well, and the supporting arm or bar whereby the well is held in close contact with the cushion. 20

In testimony whereof I hereunto set my hand, this 29th day of September, 1891, in the presence of two attesting witnesses.

ROBERT GUY YOUNG.

Witnesses:

ARTHUR J. CRAVEN,
F. W. ELLIS.