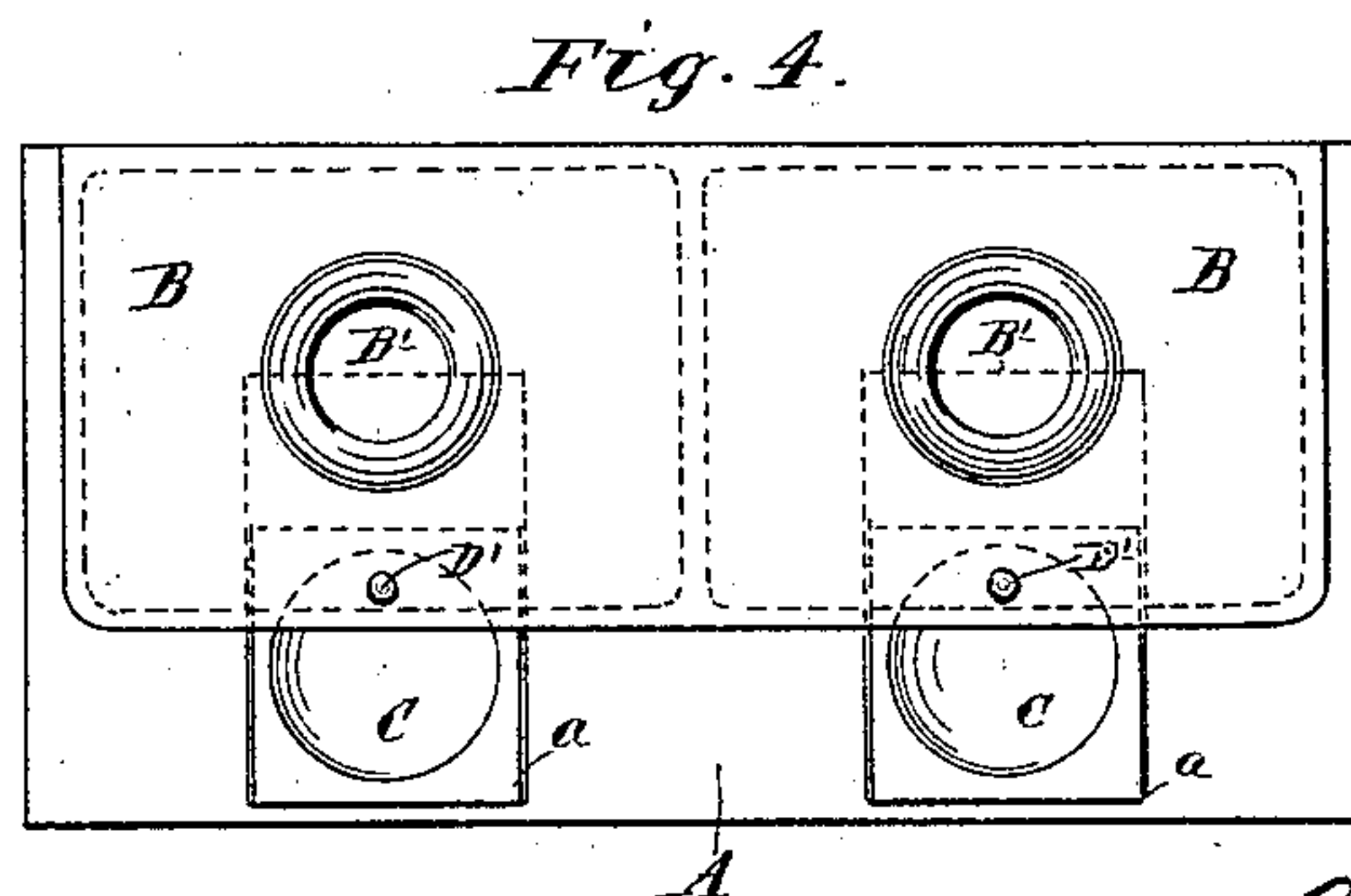
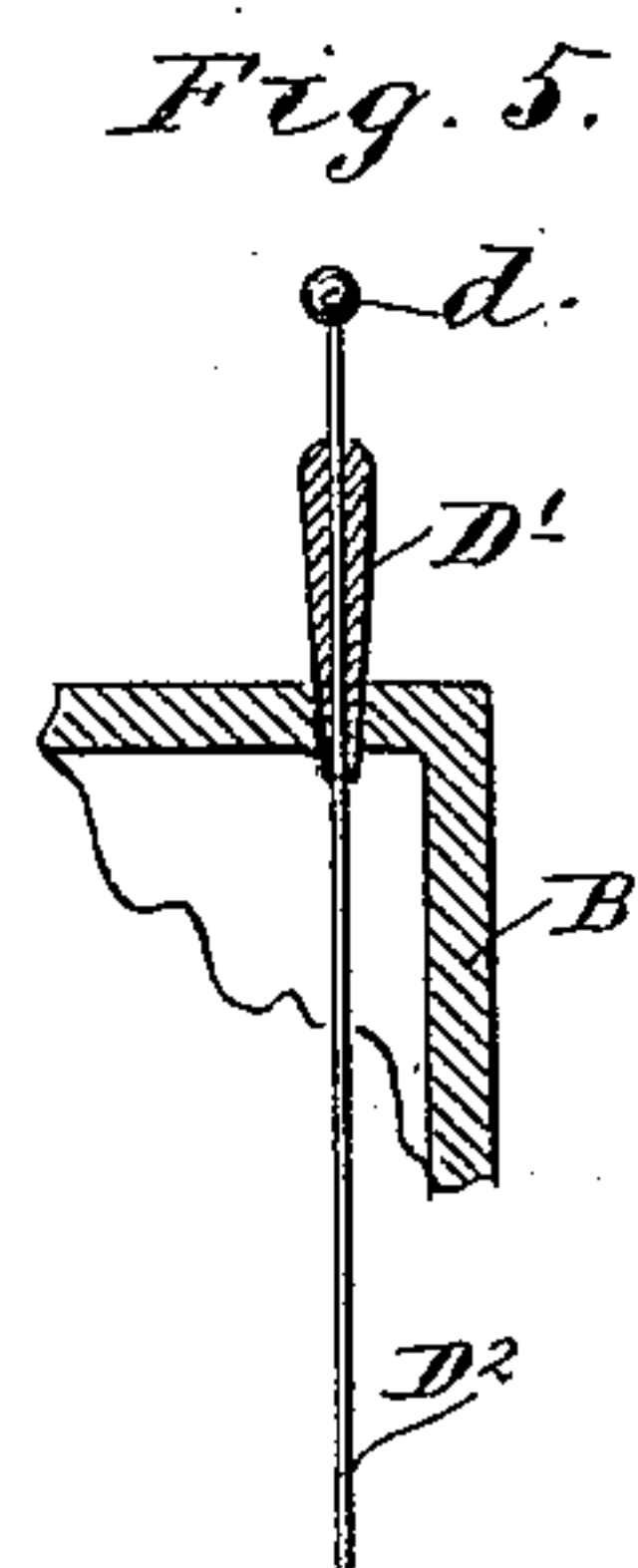
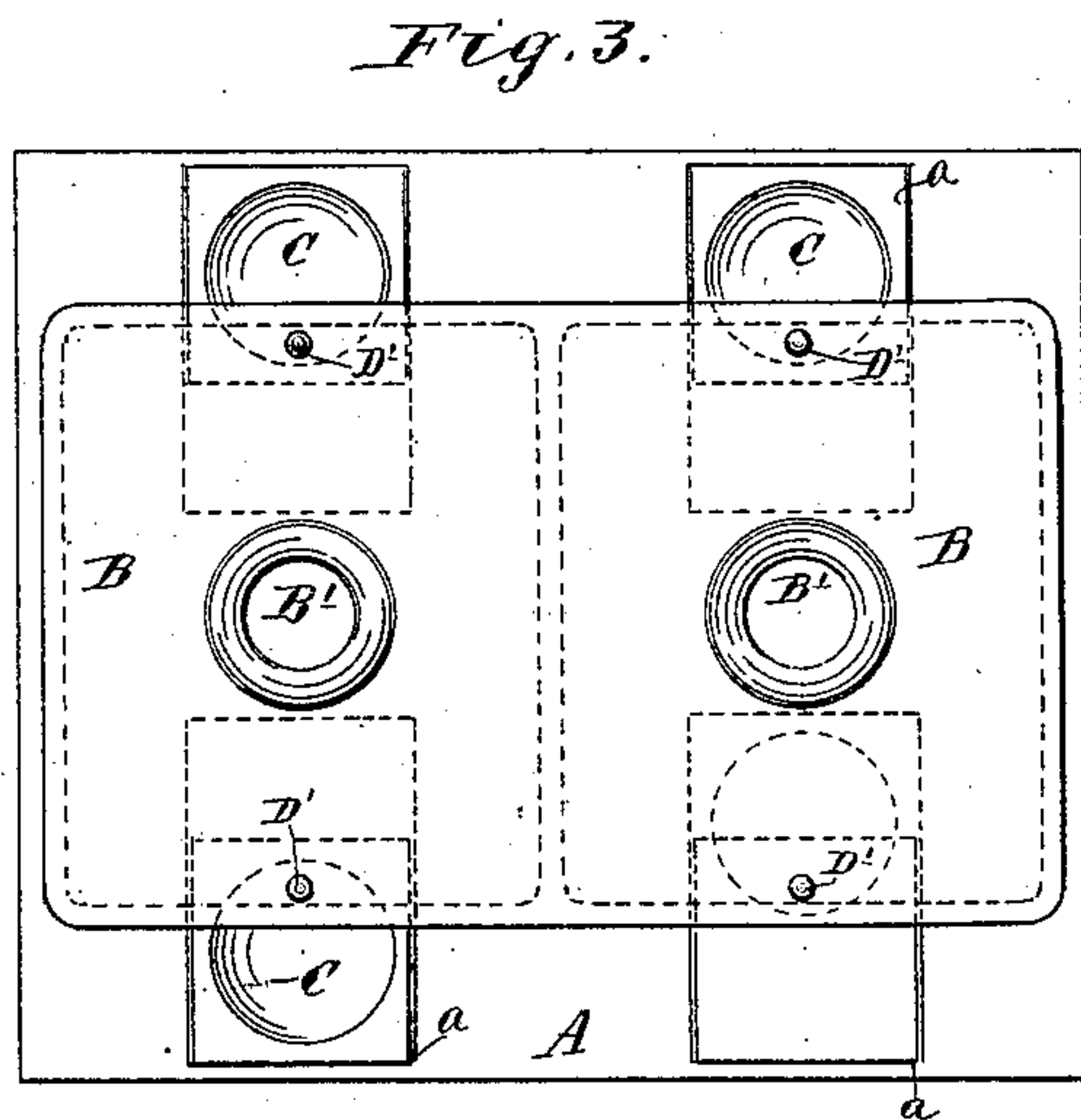
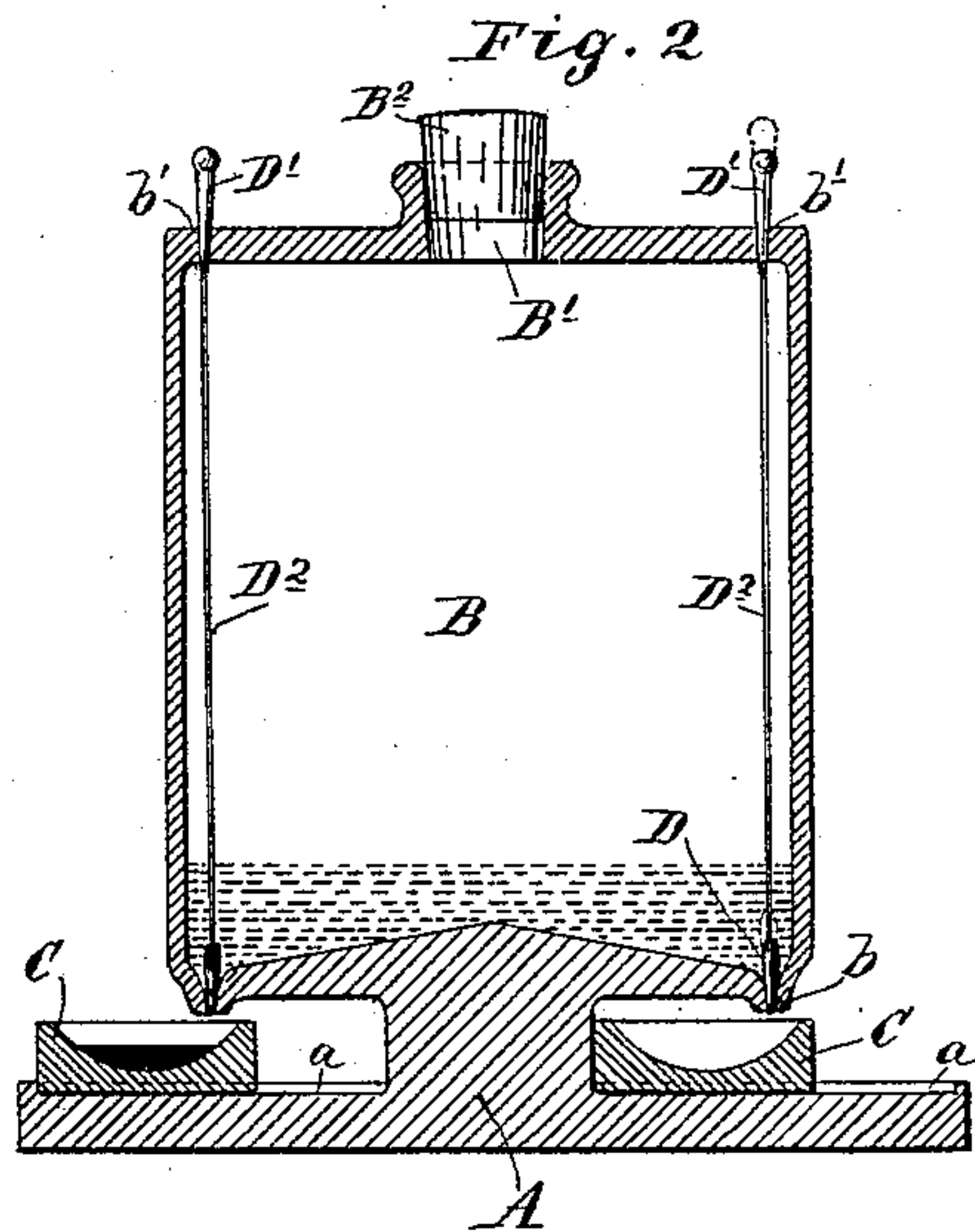
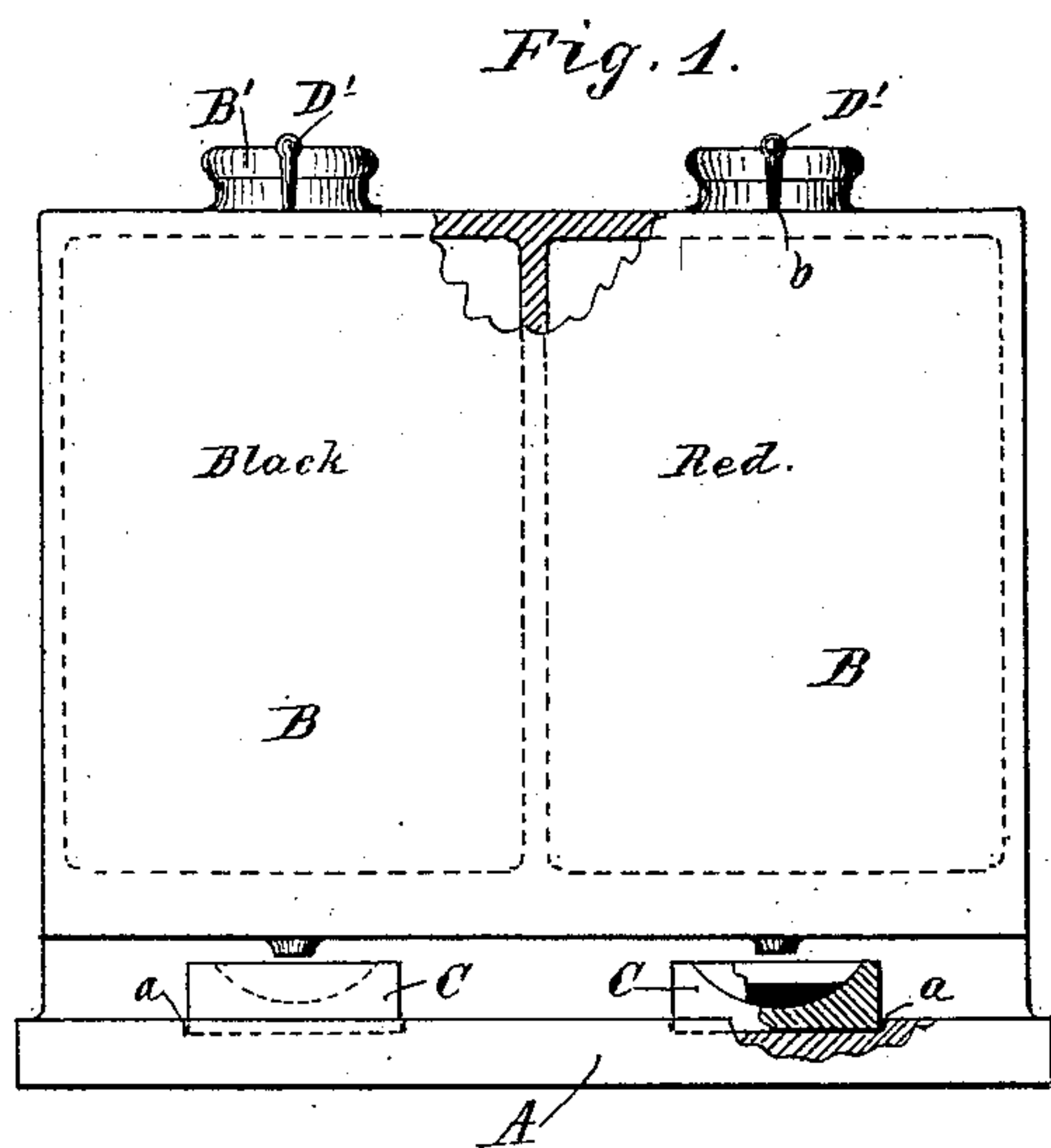


(No Model.)

A. W. SKOG.
INKSTAND.

No. 486,686.

Patented Nov. 22, 1892.



Witnesses,
Emma F. Elmore
A. H. Osoahl.

Inventor,
August W. Skog
By his attorney,
Jas. F. Williamson

UNITED STATES PATENT OFFICE.

AUGUST W. SKOG, OF MINNEAPOLIS, MINNESOTA.

INKSTAND.

SPECIFICATION forming part of Letters Patent No. 486,686, dated November 22, 1892.

Application filed August 2, 1892. Serial No. 441,940. (No model.)

To all whom it may concern:

Be it known that I, AUGUST W. SKOG, a citizen of the United States, residing at Minneapolis, in the county of Hennepin and State of Minnesota, have invented certain new and useful Improvements in Inkstands; 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.

My invention relates to inkstands, and has for its object to provide an improved article of this class.

To this end the invention consists in certain novel features of construction, which will be hereinafter fully described, and be particularly defined in the claims.

In the accompanying drawings, like references referring to like parts throughout, figure 1 is a front elevation of my inkstand, some parts being broken away. Fig. 2 is a vertical section of the same from front to rear through the center of one of the ink-wells. Fig. 3 is a plan view of the article, as shown in Figs. 1 and 2. Fig. 4 is a plan view of an inkstand of half the size of the article shown in the other views, designed for use from one side only. Fig. 5 is a detail showing the way in which the air-vent stopper is supported on its operating-rod.

A is the expanded base or supporting part, and B B are the ink-wells formed integral with the base or supporting part A. I preferably make these parts out of glass; but it will of course be understood that any other suitable material might be employed. The support is recessed, as shown at *a*, to form seats for dip-cups C. The seats are of sufficient lengths to permit the cups to be drawn out from under the wells sufficiently far for the insertion of a pen and are sufficiently deep to permit the cups to be entirely covered by the wells when thrown backward to their limit. B' is the mouth of the well, which is kept closed by a stopper B² or otherwise in any suitable way. The wells are provided with discharge-orifices *b* in their bottoms and with air-vents *b'* in their tops. Corresponding inside stoppers D fit the discharge-orifices *b* and normally close the same. Outside stoppers D' fit the air-vents *b'* and normally close the same. The two stoppers are connected,

as shown, by a common operating-rod D². The air-stopper D' is preferably loosely mounted on the rod D², and is limited in its upward or sliding movement on the rod by a knob or stop *d* on the end of the rod. This special construction will permit both stoppers to be tightened in their seats regardless of the amount of wear on the same. The bottom of the well slopes in each direction to the discharge-orifices *b*.

The operation or use of the device is obvious. The dip-cups C are designed to hold only a small quantity of ink, sufficient for use for a short time, as for a business day. When it is desired to charge or refill the cups C, both the inside and outside stoppers are raised by lifting on the upper member, thus allowing the air to enter into the well and the ink to flow from the same into the cup. The stoppers are then resealed by pushing down on the rod B² to seat the inside stopper and by sliding the outside stopper D' on the rod, if necessary.

The article is conveniently and cheaply made, and of course can be made of any form or configuration desired.

The advantages of this inkstand are obvious. The ink in the wells is entirely protected from dust and will not evaporate, as in open-mouthed wells. The cups can be readily removed and cleaned, and when not in use are protected by the overhanging wells. Pure clean ink is therefore always available with this device. The stand is of such form that it is not readily upset. Of course it will be understood that minor changes might be made without departing from the spirit of the invention. Any other suitable form of hand device, for example, might be substituted to operate the inside stopper. The air-vent stopper might be entirely dispensed with. The construction shown is, however, best adapted for the purposes in view.

What I claim, and desire to secure by Letters Patent of the United States, is as follows:

1. The combination, with a base A, having a cup-seat or recess *a*, of an ink-well B, formed integral with said base and having a discharge-orifice *b* in the part of its bottom overhanging the cup-seat, an independent removable dip-cup C, having a limited sliding movement on said seat *a*, as described, a stopper for closing

the discharge-orifice *b*, and means for operating said stopper from the exterior of the well, substantially as and for the purposes set forth.

2. The combination, with the ink-well having the discharge-orifice in its bottom and the air-vent in its top, of the inside stopper for said discharge-orifice, the operating-rod connected to said inside stopper and projecting above the top of the well and having a stop or knob at its upper end, and the outside stopper for the said air-vent mounted on the part of the said rod projecting above the top of the well, with freedom for a sliding movement thereon, substantially as described.

3. The inkstand substantially as shown and described, the same consisting of the supporting-base A and one or more ink-wells B, con-

structed integral therewith, the removable dip-cup C, working in the seat *a* of said support, the inside stopper D, normally closing the discharge-orifice *b* in the bottom of the well, the outside stopper D', normally closing the air-vent *b'* in the top of the well, and the operating-rod D², connected to the stopper D and working through the stopper D' and provided with the stop-lug or knob *d* on its outer end, substantially as and for the purposes set forth.

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

AUGUST W. SKOG.

Witnesses:

JAS. F. WILLIAMSON,

A. H. OPSAHL.