(No Model.)

E. J. COLBY.

INK WELL.

No. 383,514. Patented May 29, 1888.

Fig. 1.

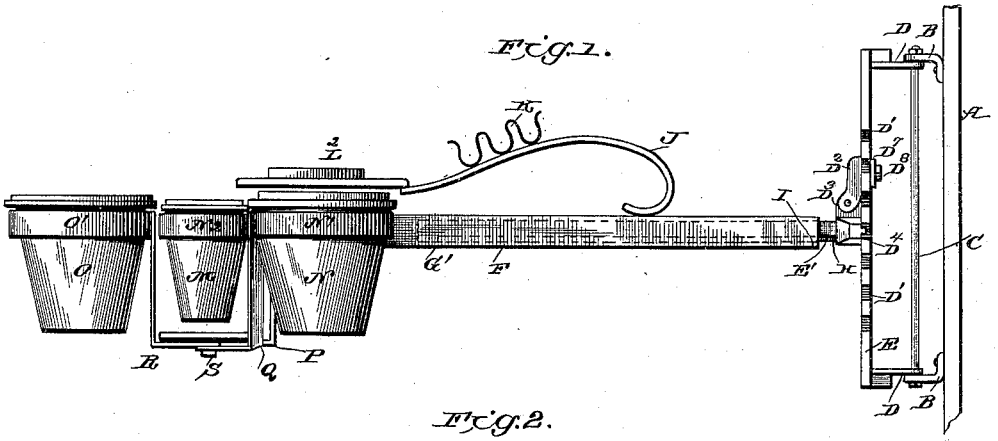


Fig. 2.

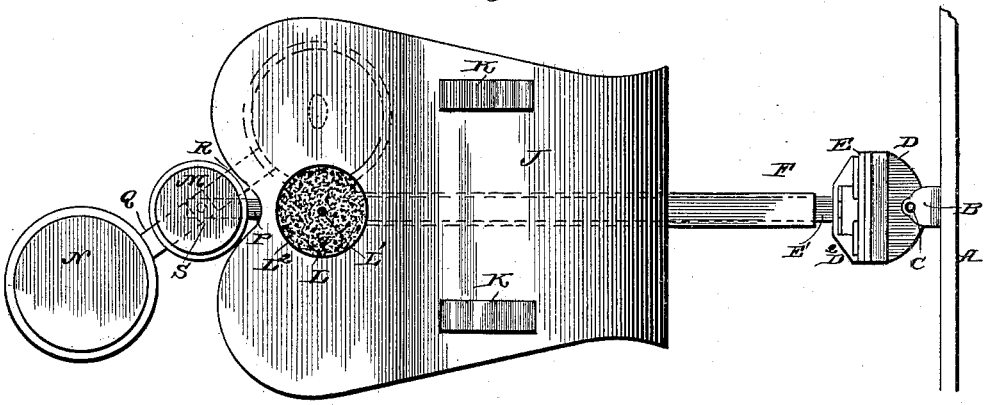
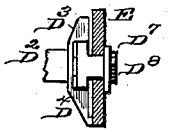


Fig. 3.



WITNESSES.

Edwin L. Yewell.

Jos. A. Ryan.

INVENTOR.

Edward J. Colby.

By Francis W. Parker.

His Attorney.

UNITED STATES PATENT OFFICE.

EDWARD J. COLBY, OF CHICAGO, ILLINOIS.

INK-WELL.

SPECIFICATION forming part of Letters Patent No. 383,514, dated May 29, 1888.

Application filed September 17, 1887. Serial No. 250,014. (No model.)

To all whom it may concern:

Be it known that I, EDWARD J. COLBY, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Ink-Well, of which the following is a specification.

My invention relates to ink-wells adapted to be attached within and to desks or other articles of office furniture, and has for its object to provide a compound ink-well and sponge-box which may be horizontally adjusted with reference to its distance from the article of furniture to which it is attached, and swung on a pivot provided with a pen-rack, sponge-cup, and covering-shield for some or all of the ink-receptacles; or to provide an ink-well having some or all of these features.

My invention is illustrated in the accompanying drawings, wherein—

Figure 1 is a side view of my invention. Fig. 2 is a plan view thereof. Fig. 3 is a detail sectional view on the line *x x*.

Like parts are indicated by the same letter in all the drawings.

A is a broken portion of a desk or other article of furniture to which the device is attached. B B are arms secured thereto. C is a shaft pivoted in these arms.

D D are arms projecting from the vertical supporting-bar E and pivoted to the said shaft C.

D′ D′ are a series of notches on the side of the bar E, adapted to engage the extremity of the pin D^4, which projects from the side of the head D^3, which is pivoted to the block D^2. The block D^2 is provided with a tongue, D^5, which slides in the groove D^6 in the bar E, and D^7 is a washer on the back of the bar E, held by the screw D^8 to the block D^2.

E′ is a rod secured to the head D^3 and beveled at one corner, as at H. It is received into an aperture in the hollow piece F. At the end of the beveled portion H is found the shoulder G′, and in the hollow piece F is made an indentation, I, which engages the shoulder G′, so as to prevent the rod E′ from being entirely withdrawn from the hollow portion F.

J is a raised plate secured to the portion F and bearing the pen-racks K K.

L is a sponge, secured by the screw L′ within the sponge-cup L^2, which in turn is secured to the plate J.

M is a small ink-well. N and O are larger ink-wells. The well N is supported in the ring N′, the well O in the ring O′, and the well M in the ring N^2. The latter well is provided with the stopper N′.

P is an arm secured to the outer extremity of the piece F, and to its upper end is secured the ring N^2. At its lower end are pivoted, by the pin S, the arms Q and R, which, respectively, support the rings N′ and O′. These parts could be greatly altered without departing from the spirit of my invention, and some of these features might be dispensed with.

The device as described is a complete device with all the attachments ordinarily required in position.

The use and operation of my invention are as follows: The rod C and arms B and D being properly brought into position, the arms B are attached to the desk, and the bar E is secured so as to rotate about the shaft C. The block D^2 is now brought into position over the slot and secured by the washer D^7 and screw D^8, so as to vertically reciprocate along said slot. The head D^3 is then pivoted to the block D^2, the rod E′ is inserted within the aperture in the bar or piece F, and the indentation I is then made so as to retain it there. The ink-wells and other parts having been properly secured, the entire device is ready for operation. When it is desired to extend the wells or draw them out, it may be done by simply pulling away from the rod C, when the bar E′ will slide in the hollow portion F until the shoulder G′ encounters the indentation I. When it is desired to fold the ink-well against the desk, it is done by simply rotating it about the shaft C. When it is desired to raise or lower the ink-wells, it is done by slightly elevating the outer extremity of the hollow portion F, and then raising or lowering the entire device along the part E until it has reached the required position, when, by releasing the outer extremity of the hollow portion F, the whole may be locked in position by means of the pin or arm D^4 engaging one of the notches D′. However, the mere weight of the device itself, pressing against the plate E below the pivoted point of the head D^3, is sufficient in most cases to retain the ink-wells in their desired position. The ink-wells may be turned, as suggested in Fig. 2, for use, and when out

of use may be thrown under the plate J to protect the surface of the ink. Either or both of the ink-wells may be out in position for use at the same time. The stopper M′ is a sufficient protection for the ink-well M. The sponge is secured permanently by means of the screw L′, and the pens can be placed upon the rack K. Of course one or more ink-wells can be used, and the pen-rack and sponge, or either or both, could be dispensed with, if desired.

Having thus described my invention, what I claim, and desire to secure by means of Letters Patent of the United States, is as follows:

1. An ink-well, in combination with a supporting-frame which is secured at any desired position, and provided with a projecting rod upon which the ink-well can be adjusted, so as to vary its distance from the supporting-frame.

2. An ink-well, in combination with a supporting-frame which is adapted to be secured at any desired point, and an arm pivoted to said frame so as to swing horizontally about the same, to which arm the ink-well is secured so as to be movable therealong.

3. The combination of a supporting-frame, an ink-well, and an arm secured to said frame so as to be vertically adjustable, and pivoted so as to swing horizontally about said frame, which arm supports the ink-well, which is adjustably secured thereon so as to be movable therealong.

4. The combination of an ink-well, a supporting-frame, and an arm to which the ink-well is secured so as to be movable therealong, said arm being secured to the frame so as to be vertically adjustable thereon.

5. The combination of an ink-well, an arm to which it is secured so as to be movable therealong, and a supporting-frame to which the arm is pivoted, so as to horizontally rotate about the frame.

6. The combination of an ink-well, an arm to which the ink-well is secured so as to be movable therealong, and a supporting-frame on which the arm is secured so as to be vertically adjustable and to rotate horizontally about said frame.

7. In an ink-well, the combination of a series of angle-arms pivoted concentrically below and supporting above a series of rings, a series of ink-wells resting in said rings, and a supporting attachment upon which said arms are secured, the attachment adapted to reciprocate upon a supporting-frame.

8. The combination of a series of rotating ink-wells with a hollow portion on which they are secured, and a supporting-arm which is received within said hollow portion and upon which the said portion reciprocates.

9. The combination of a supporting-arm, a reciprocating hollow portion thereon, a series of ink-wells, and a covering plate for said ink-wells secured to said hollow portion.

EDWARD J. COLBY.

Witnesses:

FRANCIS W. PARKER,

CORA L. CADWALLADEE.