

(No Model.)

W. M. BROWN.  
INK WELL HOLDER.

No. 441,639.

Patented Dec. 2, 1890.

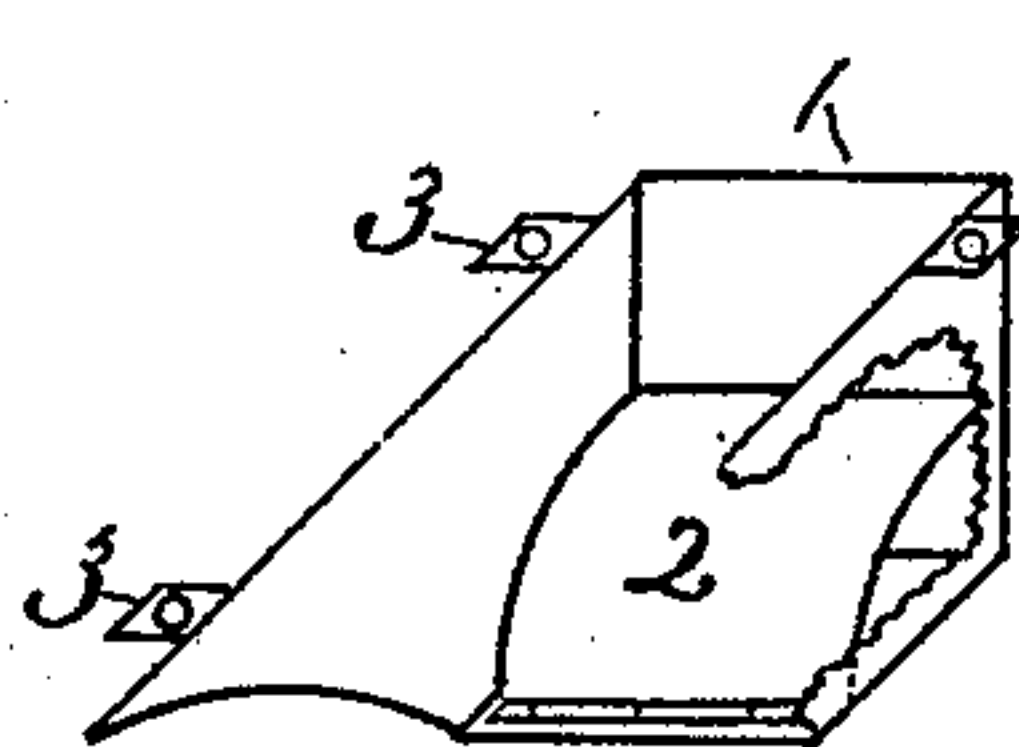


Fig. 1.

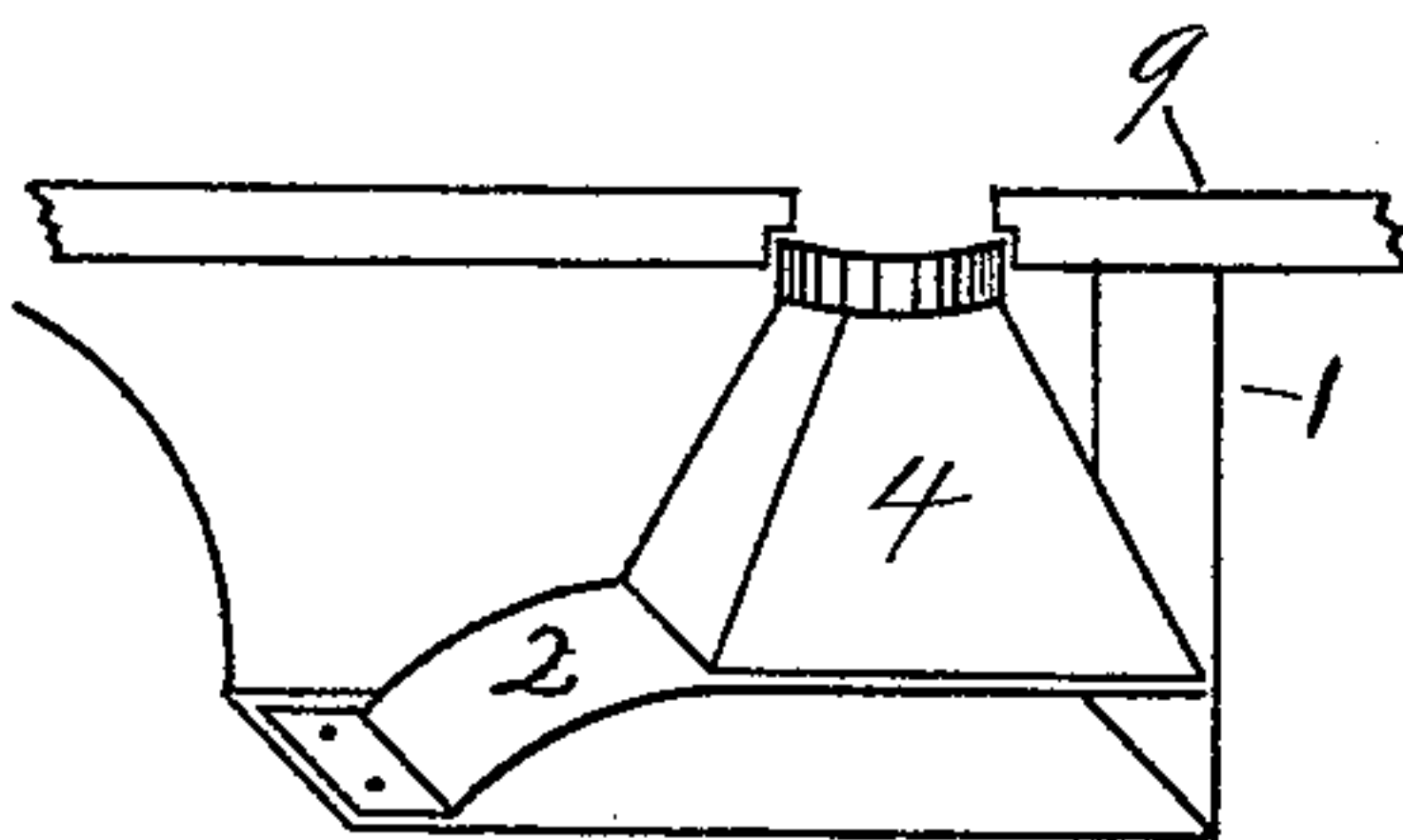


Fig. 2.

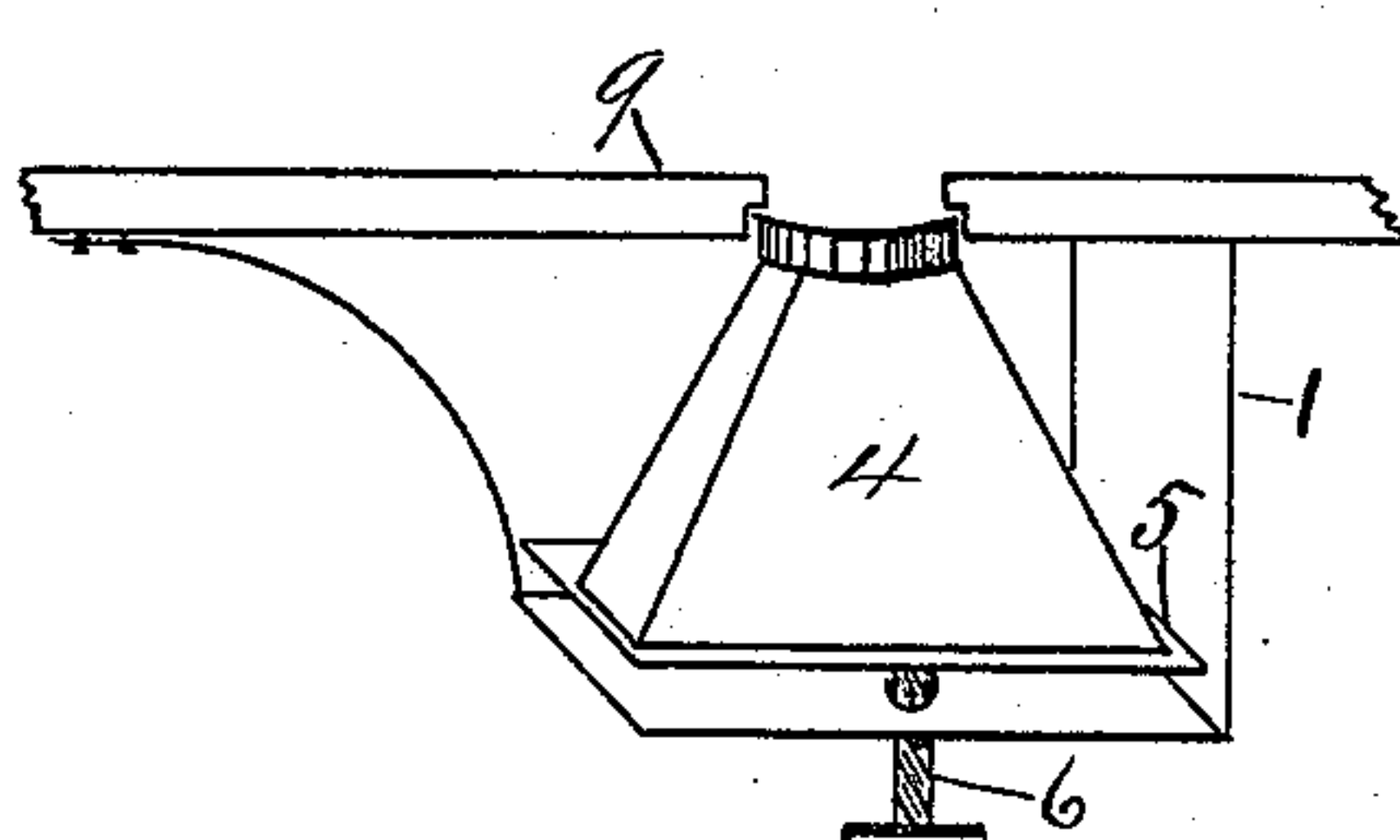


Fig. 3.

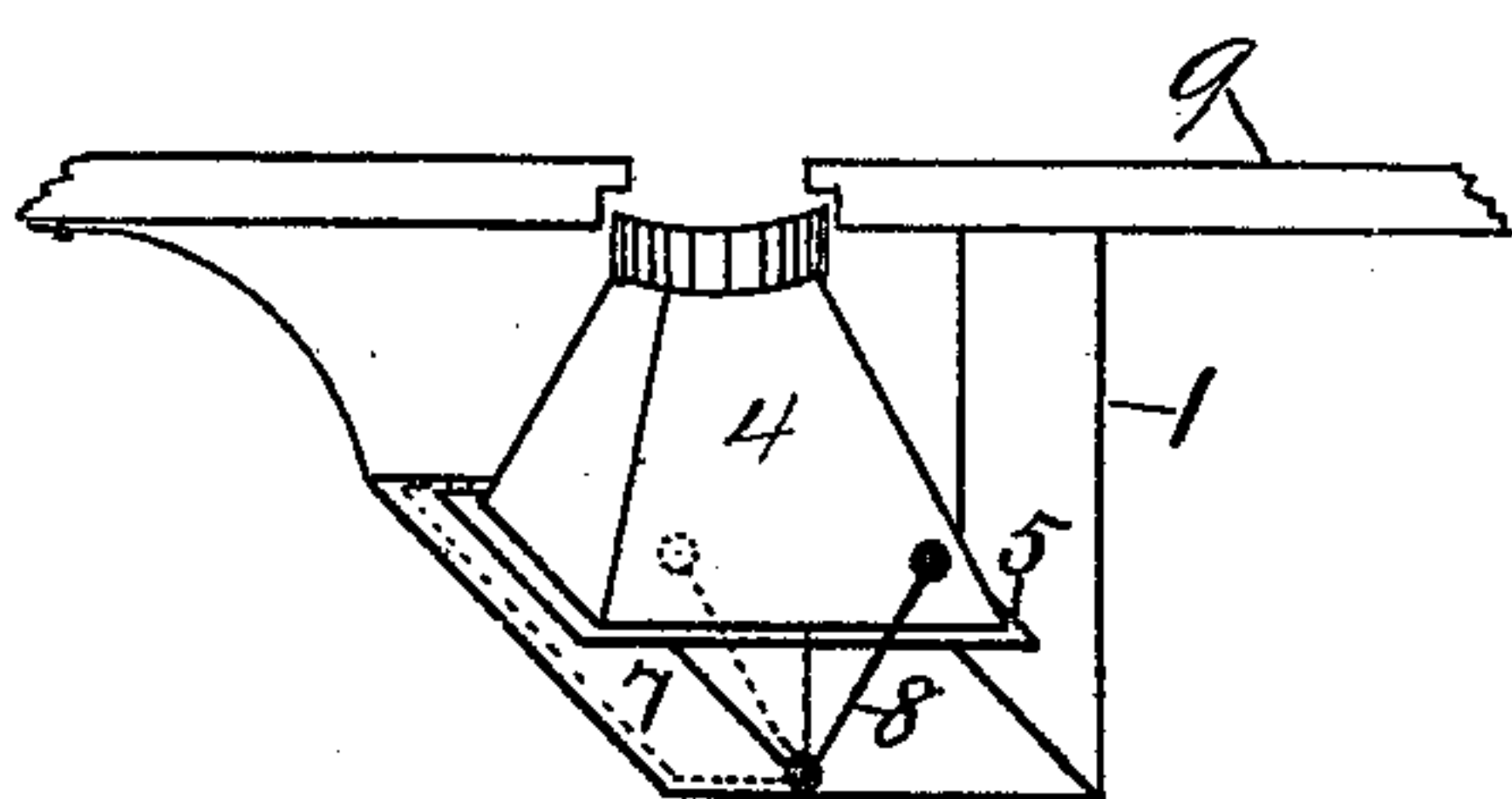


Fig. 4.

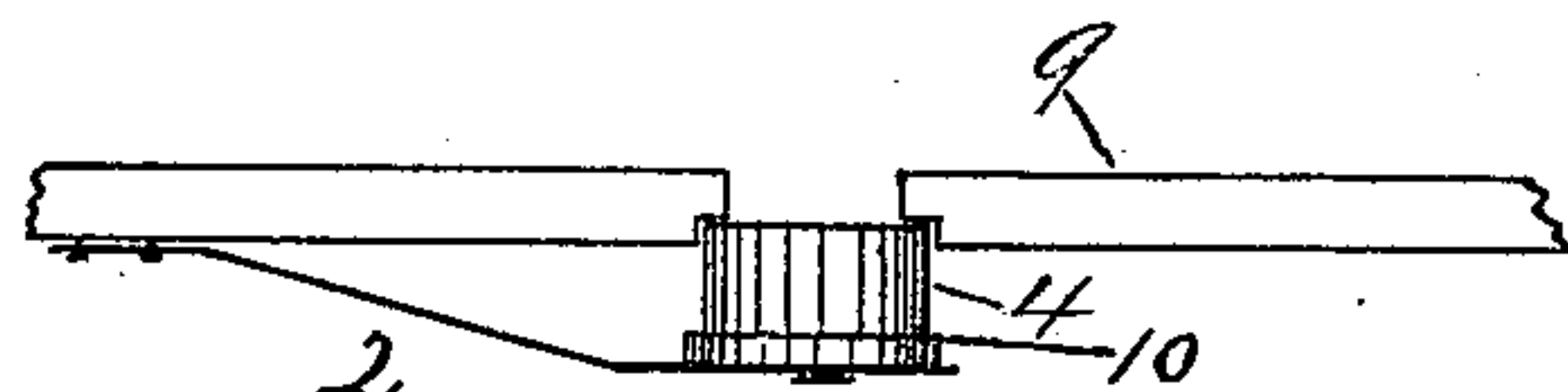


Fig. 5.

WITNESSES:

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# UNITED STATES PATENT OFFICE.

WALTER M. BROWN, OF ALBANY, NEW YORK.

## INK-WELL HOLDER.

SPECIFICATION forming part of Letters Patent No. 441,639, dated December 2, 1890.

Application filed April 7, 1890. Serial No. 346,939. (No model.)

*To all whom it may concern:*

Be it known that I, WALTER M. BROWN, a citizen of the United States, residing at Albany, in the county of Albany and State of New York, have invented certain new and useful Improvements in Ink-Well Holders; and I do 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, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

The object of my invention is to provide an ink-bottle or ink-well holder for school-desks and all kinds of tables and writing-forms that will hold the ink-bottle firmly and withstand all sudden shocks and that will hold any sort of ink-bottle now in common use.

In the accompanying drawings, Figure 1 shows a perspective view of a box open at one end and at the top having perforated lugs on its upper edge, whereby it may be attached to the under side of the top of the desk or table, and showing it to have a flat bent spring, one end being riveted to the front end of the bottom of the box and the free end rising in the box, upon which a bottle of ink may be set, one of the sides of the box being broken away so as to show the spring clearly. Fig. 2 is a side view of the box attached to the under side of a table-top and having the forward side of the box removed to show its interior, showing the spring with a bottle of ink resting on it, the nose of the bottle being forced into the opening in the top of the table by the elasticity of the spring and firmly held there.

Fig. 3 shows a modification of my invention, showing the box attached to the under side of a table-top and the forward side removed to show its interior, showing an ink-bottle set on a movable plate instead of on a spring, the plate having a screw revolvably attached to the bottom of the plate, the screw passing through a threaded hole in the bottom of the box, the movable plate and the ink-bottle being raised or lowered by means of the screw. Fig. 4 shows a modification also of my invention, showing the box attached to the under side of a table-top and its forward side removed to

show its interior, showing the ink-bottle set on a movable plate, the plate being caused to rise and fall by means of a swinging plate 7, which acts as a lever by pushing backward the handle 8, which causes the bottle and the plate on which it rests to rise and forces the nose of the bottle into the opening to receive it. Fig. 5 shows a spring attached to the under side of a table-top, the free end of the spring having a cup or receptacle to hold the ink-bottle in, the top of the bottle being forced to enter the opening in the table-top by the elasticity of the spring, where it is firmly held, this figure showing also a modification of my invention.

The numeral 1 shows the box used in all forms shown, except that shown in Fig. 5; 2, a spring used to press the bottle upward and in engagement with the table-top; 3, lugs on the box by which it is fastened to the under side of the table-top; 4, an ink-bottle or ink-well; 5, a movable plate used in the forms shown in Figs. 3 and 4, upon which the ink-bottle rests; 6, a screw used with that form of the invention shown in Fig. 3, whereby the plate 5 and bottle 4 are raised or lowered; 7, a swinging plate acting as a lever in that form shown in Fig. 4, which is raised or let fall by means of the handle 8, and which causes the plate 5 and bottle 4 to rise or fall at will; 8, a handle by which the lever 7 is operated; 9, a section of a table or desk top; and 10, a cup, socket, or receptacle fastened to the free end of the spring in Fig. 5, in which the ink-well is set to keep it on the spring.

A full description and the operation of the invention are as follows: Where the invention is used under school-desks where books and slates are kept, I prefer the use of the box shown in Figs. 1, 2, 3, and 4, as the box prevents the bottle from being hit by the books or slates, and this box is attached to the under side of the desk-top by means of screws and the lugs 3, the open end of the box being preferably turned toward the front of the desk. When the form shown in Figs. 1 and 2 is used, the bottle, whatever the form may be, is set on the spring by entering it in the box and pushing it along the spring, which bends the spring downward, and when the nose of the bottle comes to the opening in the desk-top it



enters it and is held there firmly, and when it is desired to take the bottle out the hand is entered in the box, the bottle seized and pressed downward, when the nose will come  
 5 out of the opening in the desk-top and may then be taken out. When the form shown in Fig. 3 is used, the bottle is set on the plate 5 and the screw turned up until the nose of the bottle engages with the desk-top, where it is  
 10 held firmly in position, and in taking the bottle out the screw is turned down and the bottle falls and is taken out by inserting the hand in the box. When that form shown in Fig. 4 is used, the bottle is set on the plate 5 and  
 15 the handle 8 of the lever 7 is pushed back until the nose of the bottle is in engagement with the desk-top, where it is firmly held, and in taking it out the handle is pulled forward and the bottle lowered and then removed.  
 20 The form shown in Fig. 5, while it may be used under the desk where the books are kept, is designed to be set under the top of the desk, but outside of the legs or standards, so that it can be got at easily. The spring is fastened to the  
 25 under side of the desk preferably, and the free end has a receptacle fastened to it, in which to set the bottom of the ink bottle or well. When the bottle or well is desired to be entered, the spring is bent down by the hand  
 30 until the bottle will enter the socket, and the spring is then left to rise, when it will push the bottle up so that it will engage with the desk-top. In taking the bottle out the spring is forced downward and the bottle removed. I  
 35 do not confine myself to any especial means by which the bottle is forced to engagement with the desk-top; nor do I confine myself to entering the bottle in an opening in the desk-top, as it may not be so entered, if desired.  
 40 In this invention, when the holder is once attached to the desk, no part or portion thereof

is detachable from the desk or from each other, whereby is avoided all liability of loss of any of the parts composing the holder, the well itself being the only removable thing connected with the holder. 45

Having fully described my invention, what I claim is—

1. The combination, with a desk or table having an opening in its top, of an ink-well 50 holder provided with means whereby an ink-well is entered upwardly in said opening from the underside thereof and removably retained there by upward pressure, the holding device being permanently attached to said desk, in 55 order that in its operation no part thereof shall be detached from the desk, substantially as and for the purposes described.

2. The combination, with a desk or table having an opening in its top, of an ink-well 60 holder provided with means whereby an ink-well is forced to engagement with the underside of said top and removably held in communication with said opening by upward pressure, the holding device being perma- 65 nently attached to the desk, in order that in its operation no part thereof shall be detached from said desk, as herein substantially set forth.

3. A desk or table having an ink-well 70 holder provided with means permanently attached to the desk, whereby an ink-well is held in communication with an opening in said desk-top and removable downwardly therefrom, as herein substantially set forth. 75

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

WALTER M. BROWN.

Witnesses:

H. V. SCATTERGOOD,  
 I. S. POWELL.