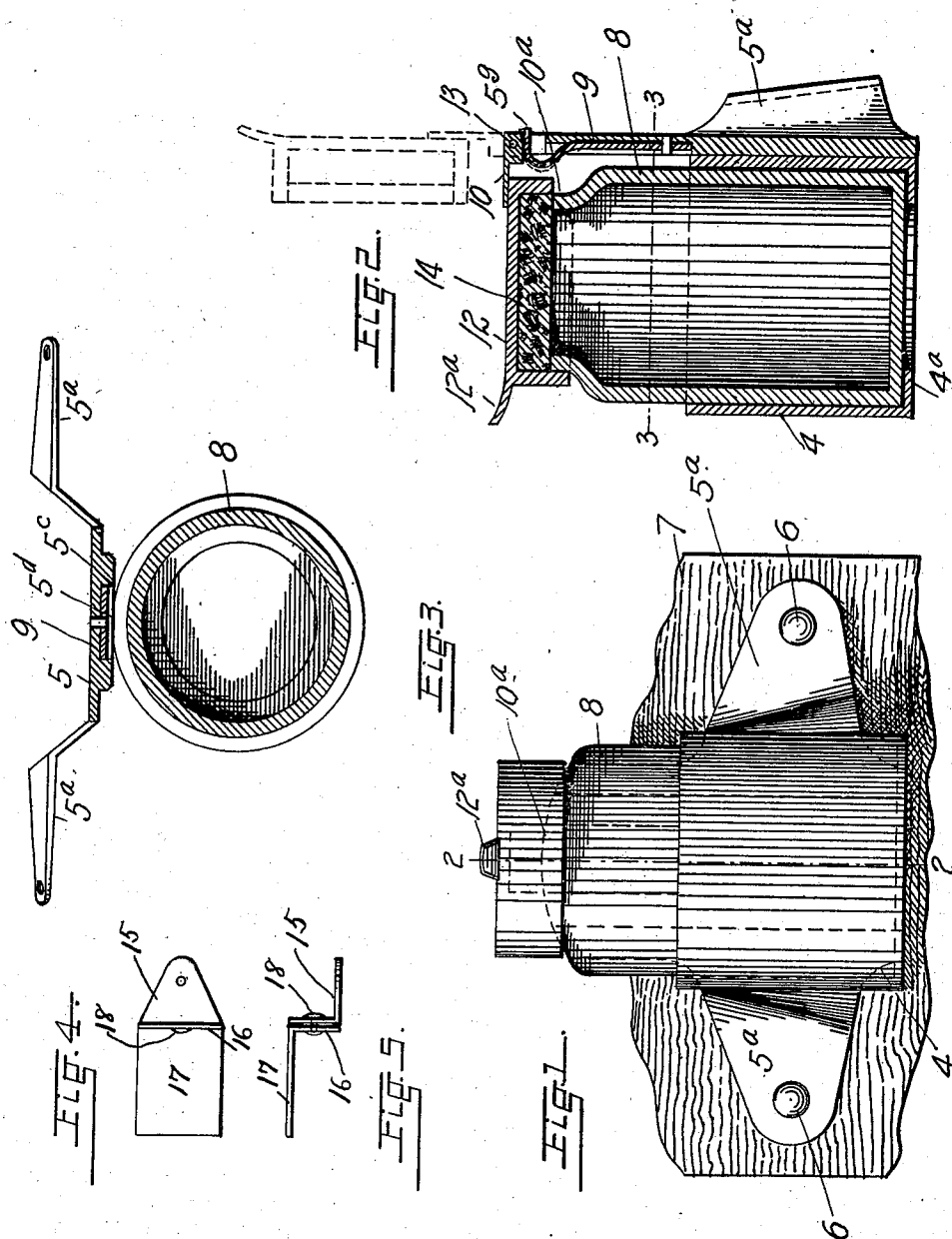


No. 728,115.

PATENTED MAY 12, 1903.

J. C. KILLEY.
INK WELL HOLDER.
APPLICATION FILED OCT. 16, 1902.

NO MODEL.



WITNESSES:

J. J. Dallant
Dana Nelson

INVENTOR.

J. C. Killey
J. C. Killey
ATTORNEY.

UNITED STATES PATENT OFFICE.

JOHN C. KILLEY, OF SAN DIEGO, CALIFORNIA.

INK-WELL HOLDER.

SPECIFICATION forming part of Letters Patent No. 728,115, dated May 12, 1903.

Application filed October 16, 1902. Serial No. 127,605. (No model.)

To all whom it may concern:

Be it known that I, JOHN C. KILLEY, a citizen of the United States of America, residing at San Diego, in the county of San Diego and State of California, 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.

My invention relates to improvements in ink-well holders, my object being to provide a device of this class which shall be simple in construction, economical in cost, reliable, durable, and efficient in use; and to these ends the invention consists of the features hereinafter described and claimed, all of which will be fully understood by reference to the accompanying drawings, in which is illustrated an embodiment thereof.

In the drawings, Figure 1 is a front view of my improved device. Fig. 2 is a vertical section taken on the line 2 2, Fig. 1. Fig. 3 is a horizontal section taken on the line 3 3, Fig. 1. Figs. 4 and 5 are front and top views, respectively, of a modified form of lateral projecting fastening-wing.

The same reference characters indicate the same parts in all the views.

Let the numeral 5 designate an upright plate forming a support provided with laterally-projecting wings 5^a, provided with openings to receive fastening devices 6 for securing the holder to a stationary part 7. To the lower front portion of this plate, between the wings 5^a, is attached a cylindrical part 4, forming the holder proper for the bottle or well 8. This part 4 is interiorly flanged at the bottom, as shown at 4^a, the bottom being otherwise open. The bottom of the bottle engages the flanges 4^a, which form its support, the part 4 being open at the top to receive the bottle. The central part of the plate is reinforced, as shown at 5^c, and the part 4 is secured thereto by soldering or otherwise, as may be desired. The upper portion of this reinforced part is grooved, as shown at 5^d, to receive a leaf-spring 9, which is secured

thereto. The upper extremity of the plate 5 is centrally slotted, as shown at 5^e. The upper extremity of the spring 9 is bent downwardly and enters this slot, where it is engaged by a lug 10, attached to the cap or lid 12. This lug 10 is pivoted to the top of the plate, as shown at 13. The spring engages this lug and holds the cap securely against accidental displacement when in either the open or closed position. The cap is provided with a cork or other suitable filling 14, whereby the top of the bottle is tightly sealed when the cap is in the closed position, thus preventing evaporation of the ink and also making it impossible for dust to enter the bottle. The rear portion of the cap is slightly cut away, as shown at 10^a, to allow the cap perfect freedom of movement for opening and closing purposes. If the lower or rear edge of the cap were full length, it is evident that it would bind against the top of the bottle, since at the beginning of the opening movement it is thrown inwardly. The front part of the cap is provided with a lip 12^a for convenience in opening and closing.

My improved device may be attached to the desks of pupils for school use, being especially designed for this purpose. It is evident, however, that it may be employed to advantage in connection with any suitable stationary support.

The inwardly-bowed upper extremity of the spring 9 (see Fig. 2) forms a yielding stop to prevent the accidental or mischievous removal of the bottle from the holder. It is evident that the spring will yield sufficiently to permit the insertion and removal of the bottle when necessary.

Attention is called to the fact that as the bottle is detachable from the holder it may be easily washed or otherwise cleansed without interfering with the holder. Hence the filling of the cap will never become sour from saturation with moisture or cleansing material.

As shown in Figs. 1 to 3, inclusive, the wings 5^a are bent to occupy an inclined position, so that the device may be attached to an inclined surface without tilting the ink-well holder. The part of a school-desk to which the ink-well is applied is often inclined from the perpendicular. Hence the necessity of

this feature. In order to make the wing conform to any desired inclination, the construction shown in Figs. 4 and 5 may be employed. In these views the wing is designated 15 and is pivotally connected with a flange 16 of a part 17, as shown at 18. The part 17 may be considered to occupy the position of the plate 5 of the device in the other views, or it may be considered a separate part to be attached to said plate by soldering or in any other suitable manner. It will be readily understood that in this form of construction the wing may be turned on its pivot to occupy any desired inclination, while the ink-well holder occupies a vertical position. There will be sufficient friction between the wing and the flange, so that the one part will not move too easily upon the other or so that the parts may maintain their position as adjusted.

Having thus described my invention, what I claim is—

1. As an improved article of manufacture, an ink-well holder comprising a support, a receptacle for the bottle or ink-well, said receptacle being attached to said support, a hinged cap mounted on the support and adapted to close the bottle when the latter is in place, and a spring mounted on the support and engaging the cap to hold the latter in either the open or closed position.

2. As an improved article of manufacture, an ink-well holder comprising a support, a receptacle for the well attached to said support, a hinged lid adapted to close the top of the well, and a spring connected with the lid and adapted to hold it securely in either position of adjustment, the lid being provided with a filling of suitable material to tightly close the top of the well when the cap is thrown to the closed position, substantially as described.

3. In an article of the class described, the

combination with a plate, an ink-well receptacle mounted on said plate, the latter being provided with a slot in its upper extremity, a lid provided with a lug engaging said slot and pivotally connected with the plate, and a leaf-spring attached to the plate and projecting upwardly to engagement with the lug of the cap.

4. In an ink-well holder, the combination with a plate, a receptacle for the bottle, mounted on the plate, a lid hinged to the plate and adapted to close the bottle, the rear portion of the rim of the lid being cut away for the purpose set forth.

5. In an ink-well holder, the combination of a plate, an ink-well receptacle mounted on the plate, a lid hinged to the top of the plate above the receptacle, and a leaf-spring attached to the plate and engaging the lid, the said spring projecting inwardly to form a yielding stop above the top of the bottle when the latter is in place, substantially as described.

6. As an improved article of manufacture, an ink-well holder comprising a plate having lateral, projecting wings for fastening purposes, and a receptacle for the bottle or ink-well, attached to the plate between the wings.

7. As an improved article of manufacture, an ink-well comprising a plate having lateral, projecting wings pivotally connected with the plate, whereby the wings may be inclined while the plate occupies a vertical position, and an ink-well receptacle attached to the plate, substantially as described.

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

JOHN C. KILLEY.

Witnesses:

R. W. GROSVENOR,
GEO. W. BOWLER.