

(No Model.)

F. SCHENKER.
INKSTAND.

No. 571,401.

Patented Nov. 17, 1896.

Fig. 1.

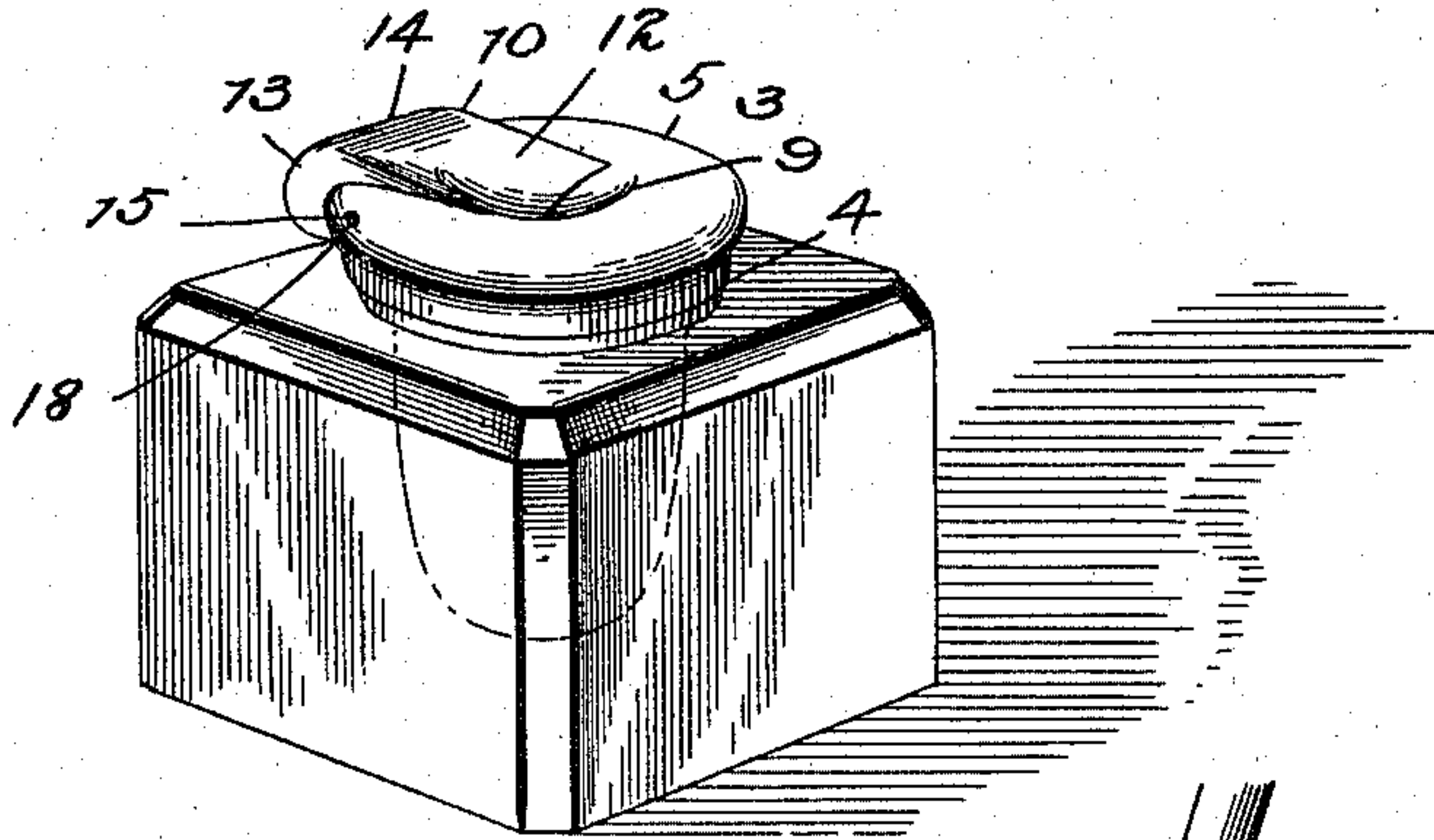


Fig. 2.

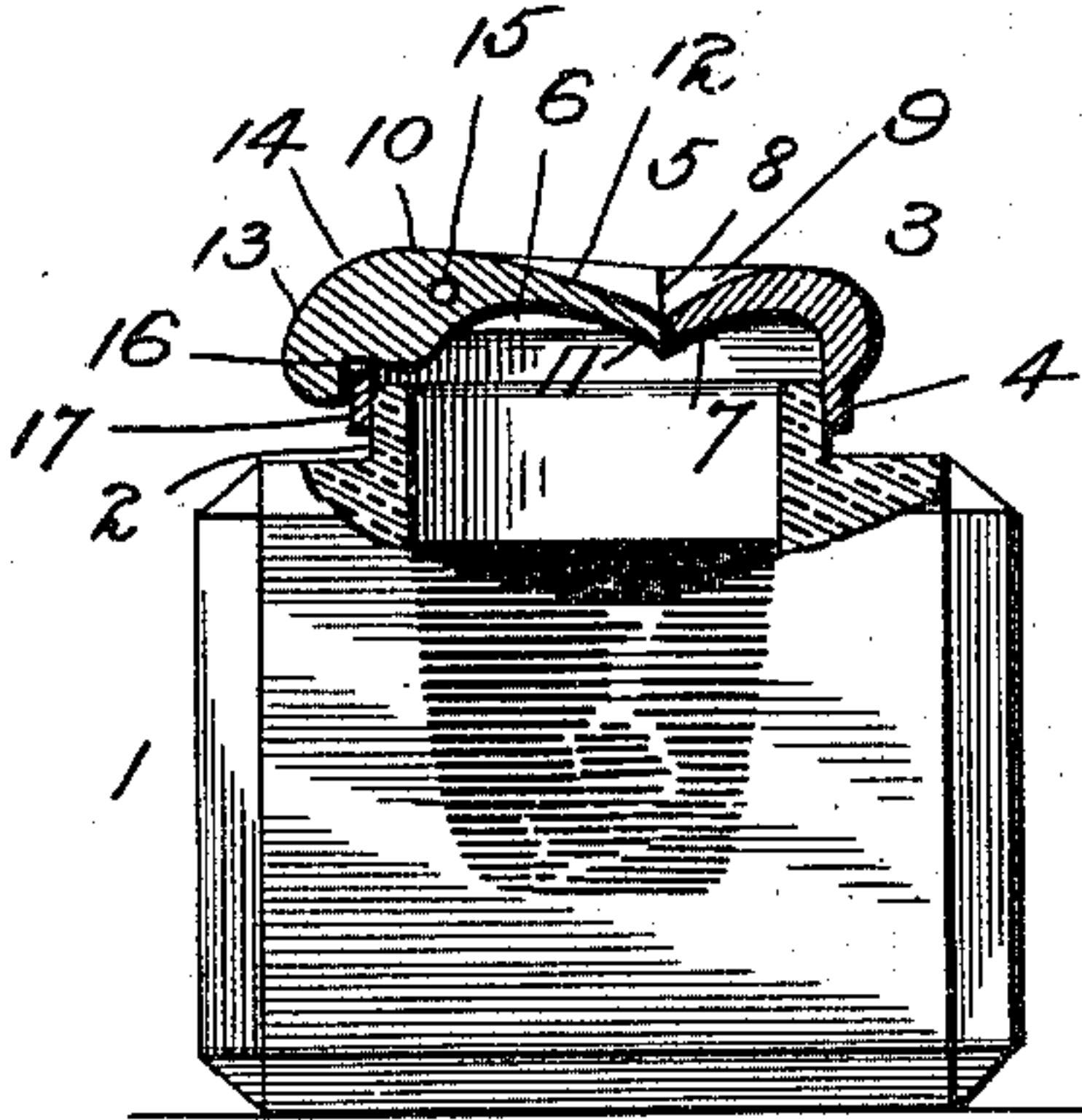


Fig. 3.

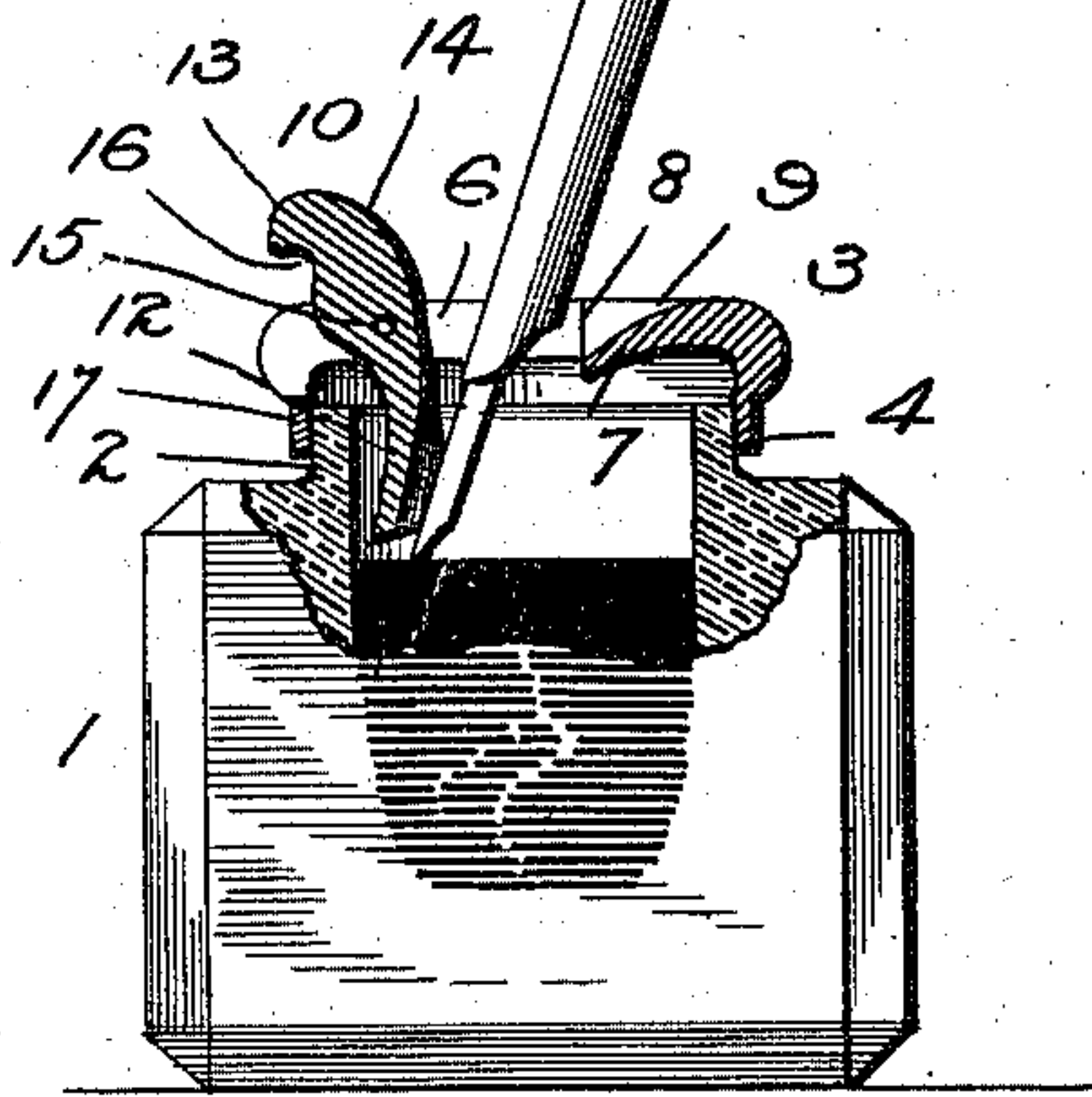
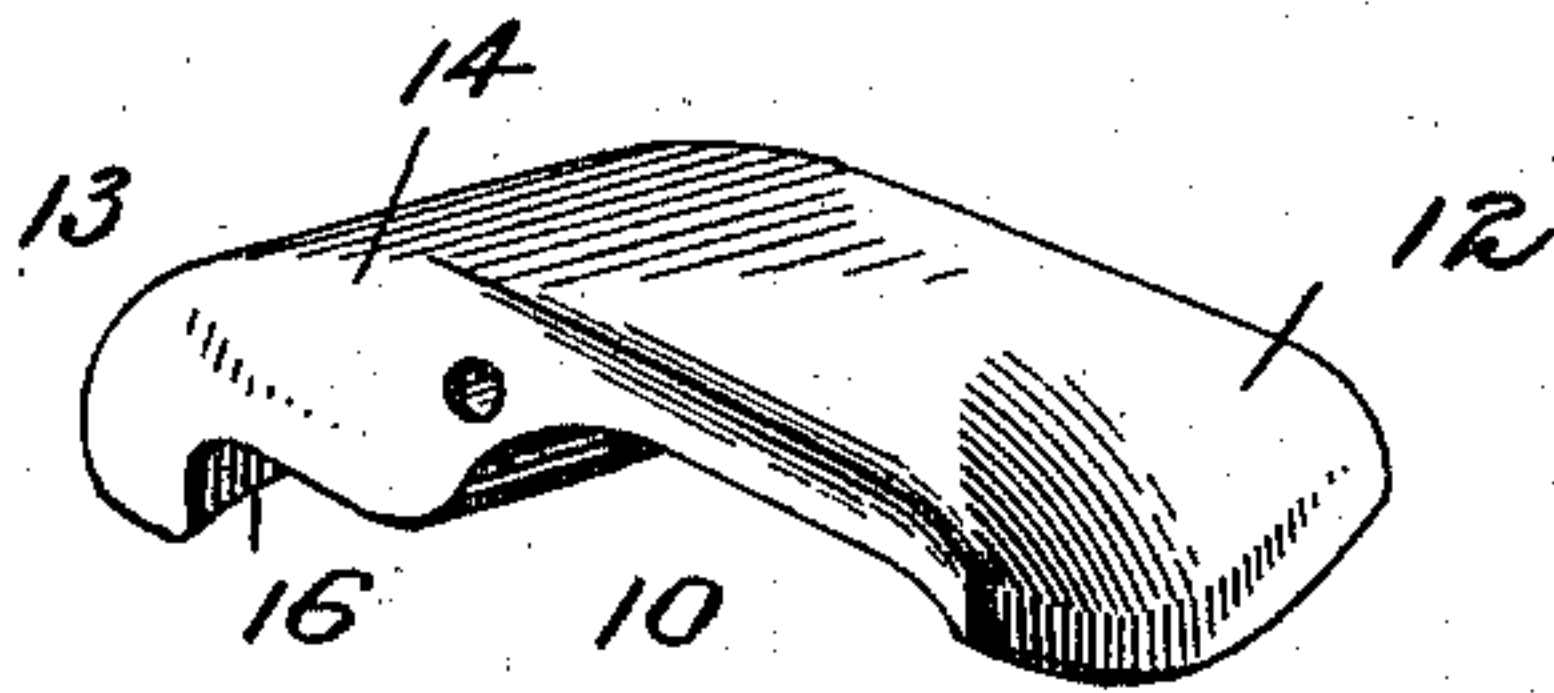


Fig. 4.



Witnesses
"M. L. Schenker."
a. R. Brown

Inventor
Francis Schenker,
By Chas J. Gooch
his Attorney

UNITED STATES PATENT OFFICE.

FRANCIS SCHENKER, OF VINCENNES, INDIANA.

INKSTAND.

SPECIFICATION forming part of Letters Patent No. 571,401, dated November 17, 1896.

Application filed August 1, 1896. Serial No. 601,380. (No model.)

To all whom it may concern:

Be it known that I, FRANCIS SCHENKER, a citizen of the United States, residing at Vincennes, in the county of Knox and State of Indiana, 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.

This invention relates to improvements, as hereinafter set forth, in inkstands.

In the drawings, Figure 1 represents a perspective view of an inkstand having my improvement thereon. Fig. 2 represents a side elevation, partly broken away and in section, of an inkstand with the valve closed. Fig. 3 represents a side elevation, partly broken away and in section, of an inkstand with the valve open and the device in use. Fig. 4 represents an enlarged detail view of the valve.

The object of my invention is to produce an automatic self-closing cover for ink-wells of extreme simplicity in construction and efficiency in operation.

1 represents an ink-well having an upwardly-extending circular neck 2.

3 represents the cap, which has a depending circumferential flange 4 to fit over the neck 2 and a curved top 5, extending, when in position, permanently over the major portion of the mouth of the ink well or receptacle.

6 represents a slotted or cut-away portion of said cap. This slot extends horizontally from about the center of the cap to and through the edge of the cap, as shown, to admit of the free rocking oscillation therein of the valve or tongue to be presently described.

7 represents a lip depending from the inner end of said slot and substantially the center of the cap and having a curved edge 8 to serve as a stop-bearing for the inner edge of said valve or tongue. The upper face of this lip 7 is beveled or concaved, as at 9, to afford a slide and guide way for the pen-point on insertion to secure a supply of ink for the pen.

10 represents the valve or tongue for automatically closing the slotted opening in the cap. This valve or tongue has a curved and depending front or inner edge 11, correspond-

ing in shape with the shape of the inner edge of the lip 7, so as to snugly fit thereagainst on the automatic closure of said valve or tongue 10.

12 represents a bevel or concave formed in the upper face of the inner end of said valve or tongue 10 to afford slide-bearing for the pen-point and assist the passage thereof to the interior of the ink-well, and also by reason thereof and also of the increased taper of the tongue at that point to insure the ready depression by the pen of the front or inner end of said tongue. The rear portion of this tongue curves downwardly and rearwardly, as shown at 13, and is of increased thickness, as shown at 14, to serve as a weight for rearwardly weighting said tongue to insure its automatically rocking on the pivot-pin 15, so as to close the slot or aperture in the cap on the removal of the pen-point.

16 represents a transverse groove formed in the under face of the rear portion of said tongue to fit over the tongue-seat 17, and thereby hold said tongue normally horizontally and in closed position. The pivot-pin 15, on which said tongue rocks or oscillates, is passed transversely through slots 18 in the side walls of the cap and through the rear portion of the tongue, but forwardly of the enlarged portion thereof, so that the pivotal connection will be eccentric, and thus insure the outer or tail portion of the tongue dropping down at all times as soon as the pen is removed from the well, and thus close the opening in the cap.

The cap may be constructed of any desired or suitable material, such, for instance, as of metal, glass, porcelain, papier-mâché, hard rubber, or the like. By its construction, as herein described, it affords a practically hermetic and dust-proof closure for ink-wells, and by reason of the rear-weighted and eccentrically-pivoted tongue—whose tendency is always to close—the taking up of an excess of ink by the pen is prevented for the reason that said tongue presses against the pen-point and prevents the pen from being overloaded with ink; and by reason of the beveled or concaved portions set forth the pen-point will easily and readily slide down into and

out of the ink-well without injurious contact with either the tongue or the concaved lip described.

Having thus described my invention, what
5 I claim is—

An inkstand consisting of an ink-receptacle having an upwardly-extending circular neck, a cap having a depending circumferential flange to fit said neck, a horizontally-extending top having a horizontal slot extending from about the center to one edge and a central, concaved, depending lip, having a curved edge, a horizontal valve or tongue having a concaved and depending inner
10 end having a curved edge and adapted to seat
15

and fit against the said lip, and having a thickened and weighted rear portion and a downwardly-curved and undergrooved outer end, and a pivot-pin extending transversely through said cap and also through said tongue to afford eccentric pivot-bearing for said valve or tongue, substantially as and for the purpose set forth. 20

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

FRANCIS SCHENKER.

Witnesses:

EUGENE F. AUBEY,
DENNIS CRONIN.