

No. 705,485.

Patented July 22, 1902.

G. H. TRUE.

INK WELL.

(Application filed Feb. 19, 1902.)

(No Model.)

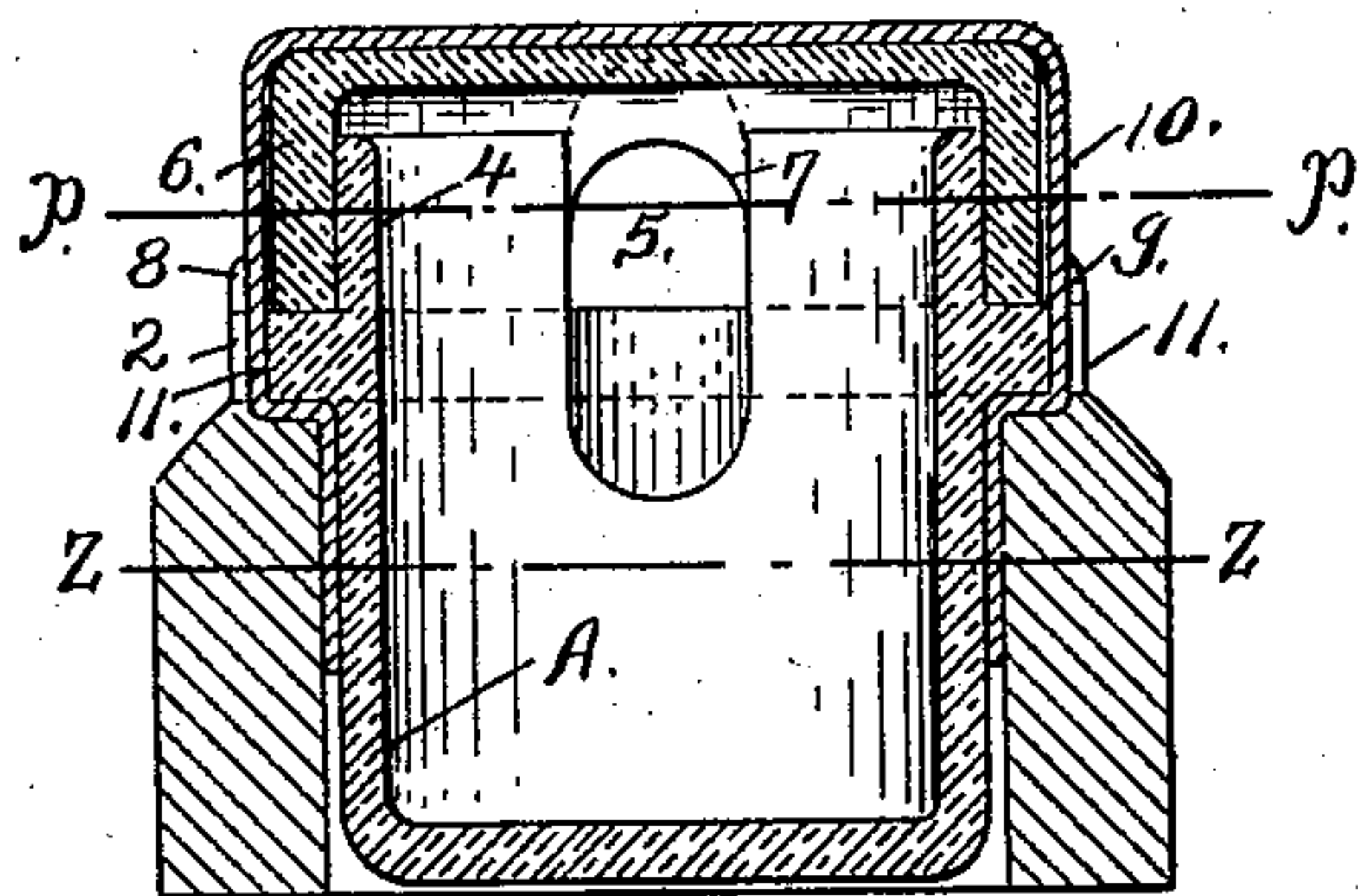


Fig. 1.

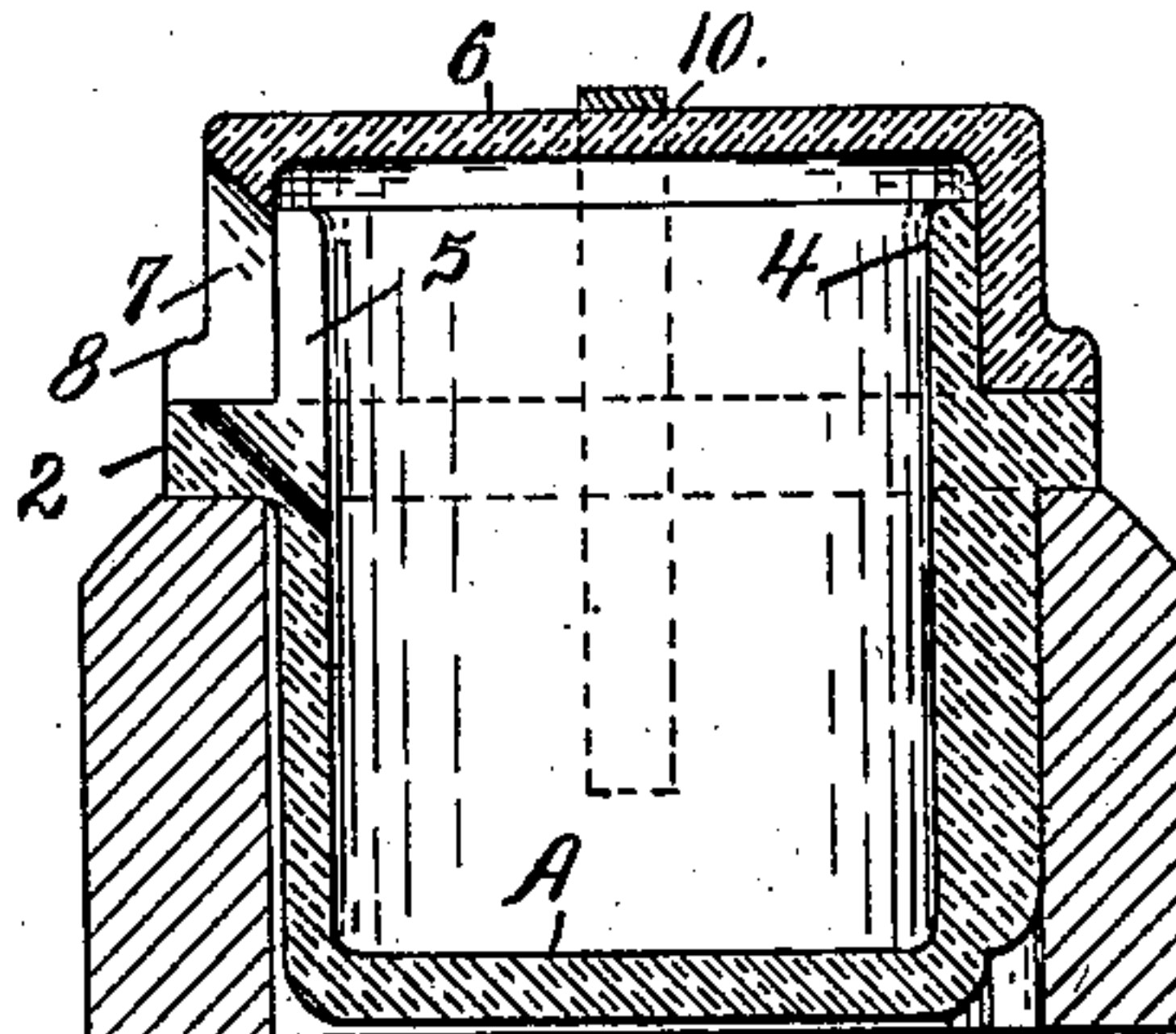


Fig. 2.

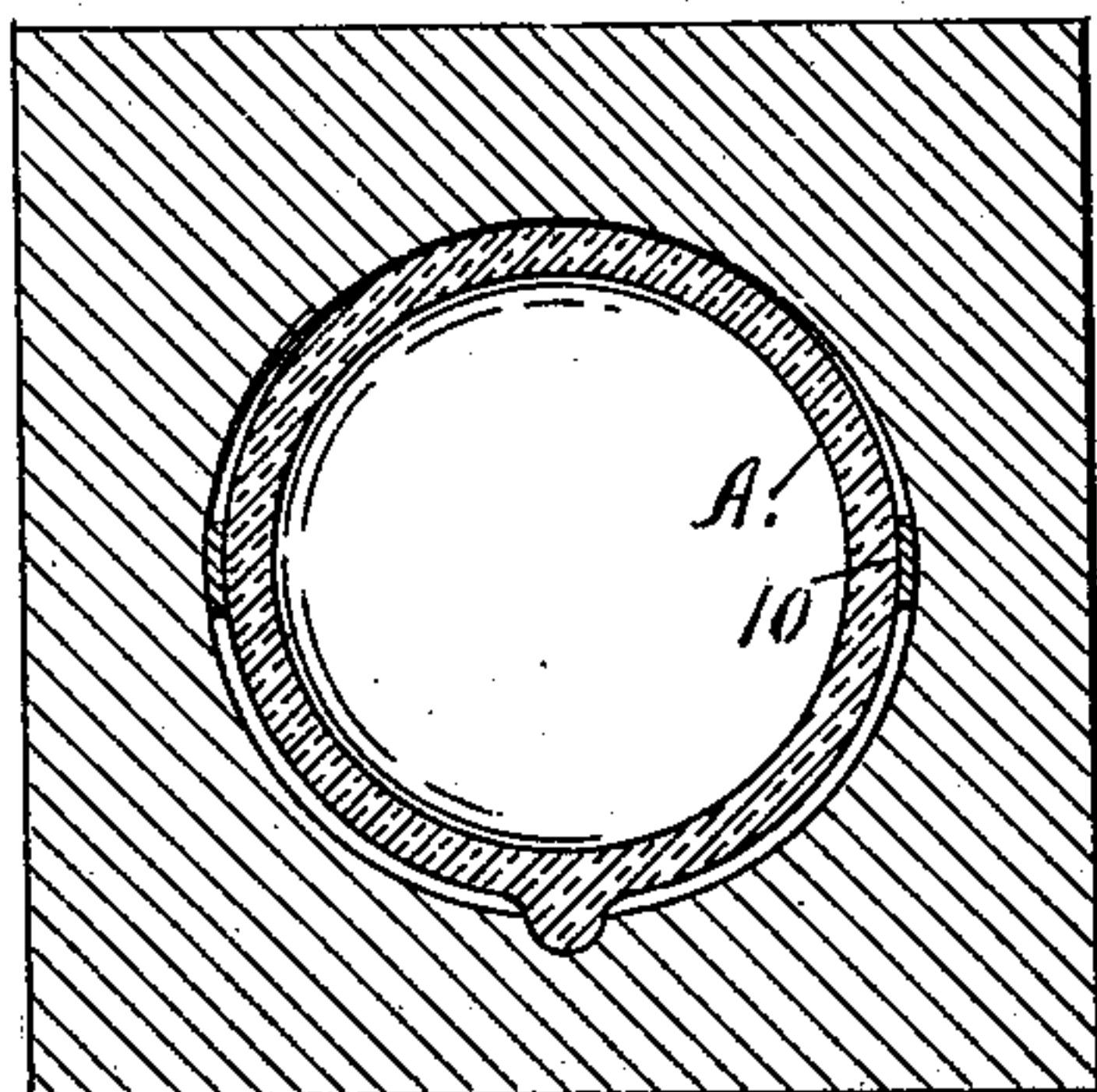


Fig. 3.

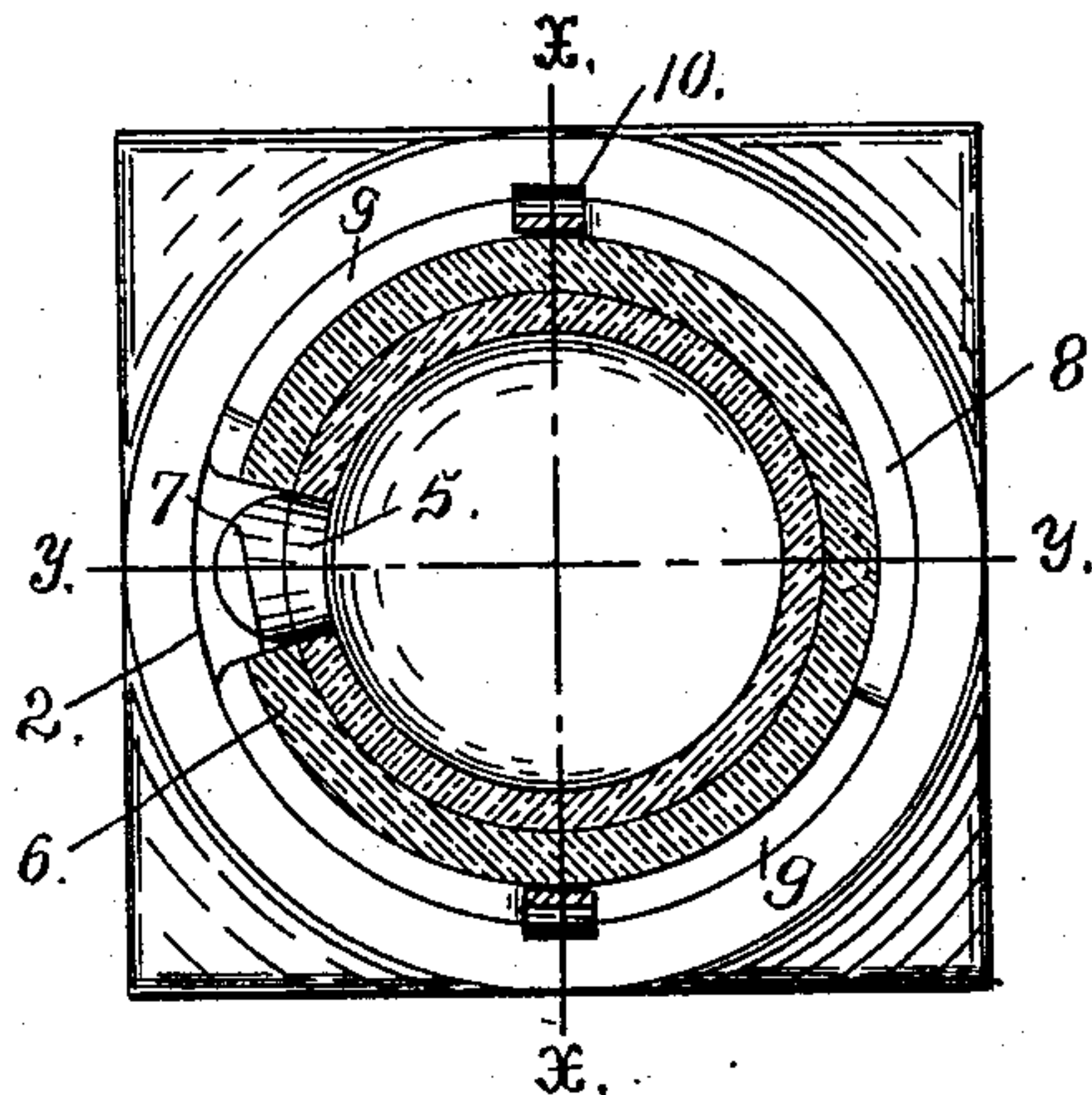


Fig. 4.

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UNITED STATES PATENT OFFICE.

GEORGE H. TRUE, OF EAST OAKLAND, CALIFORNIA.

INK-WELL.

SPECIFICATION forming part of Letters Patent No. 705,485, dated July 22, 1902.

Application filed February 19, 1902. Serial No. 94,746. (No model.)

To all whom it may concern:

Be it known that I, GEORGE H. TRUE, a citizen of the United States, residing at East Oakland, county of Alameda, State of California, have invented an Improvement in Ink-Wells; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to ink-wells of that class which may be fixed in desks or similar structures; and its object is to provide a permanent dust-proof cover with a means for obtaining access to the interior of the well without removing the cover.

It also comprises details of construction, which will be more fully explained by reference to the accompanying drawings, in which—

Figure 1 is a sectional view taken on the line $x x$, Fig. 4. Fig. 2 is a sectional view taken on the line $y y$, Fig. 4. Fig. 3 is a sectional view taken on the line $z z$ of Fig. 1. Fig. 4 is a sectional view taken on the line $p p$ of Fig. 1.

A is the body of the well, which may be made of glass or any suitable or desired material, and it has an annular rim or flange 2 around the periphery near the top.

The depth of the well is sufficient to hold a reasonable quantity of ink, and it may be secured in the desk or other structure by means of a vertical rib or ribs upon the outside, which will fit in a corresponding channel or groove formed in the side of the socket, which is bored or excavated to receive the well.

4 is a cylindrical extension above the surface of the flange 2 and of smaller diameter, as shown.

5 is an opening made through the side of this extension and also extending into the flange 2, through which it passes at an inclination, as shown, this opening serving to admit the pen, which can be thrust through it into the ink contained within the well. In order to close this opening and to keep it clear of dust, I have shown a cap 6, which may be made of glass, metal, or other desired material. This cap is made cylindrical and has an opening 7 in one side, which may be brought to coincide with the opening 5, or by turning the cap it will be brought to coincide with the surface of the extension above the flange. The base of the cap is formed with a

flange 8, which extends out to approximately the same diameter with the flange 2 upon which it rests. This flange 8 is cut away for a certain distance upon opposite sides, as shown at 9.

10 is a clamp bent so as to extend across the top of the cap, thence down the sides and into channels 11, formed in the flange 2, and it may thence be bent down, so as to extend alongside the body of the well, being held firmly in place when the well is inserted in its socket, and as the vertical portions of the clamp are held in the channels 11 in the flange 2 it will be prevented from turning.

The cut-away portions 9 of the flange 8 of the cap or cover coincide with the vertical portions of the clamp, so that the cover may be revolved upon the flange 2 of the well a distance dependent upon the length of the cut-away portions 9. This distance is sufficient to allow the cover to be turned in one direction, so as to bring the opening in the side of the cover to coincide with that in the ink-well when ink is to be used, and it is closed by turning the cover in the opposite direction until the opening in the well is concealed. In this manner I provide a very effective closure for the well with no complication in the structure and make it very easy to manufacture.

If preferred, the cover may be made straight and without the flange, with the cut-away spaces at the bottom, in which case lugs or stops may be formed to limit the movement of the cap.

By making the lower part or body of the well a little larger than the upper part an offset or shoulder will be formed, upon which the lower edge of the cap may rest. The notched flange may be omitted and the sides of the clamp be secured in the socket or otherwise.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. The combination of a containing-well having a horizontal flange and a vertical cylindrical wall of less diameter extending above and having an opening therethrough a cap having a corresponding opening on one side fitting over the cylindrical extension and a clamp by which the cap is held in place

and revoluble in a horizontal plane, said clamps normally extending across the top of the cap, and thence down the sides and said well having vertical channels to receive the
5 extending portions of the clamp.

2. An open-topped ink-well having a flange surrounding it, said flange having notches made in opposite sides, a cap covering the open top extending downwardly and having
10 a flange resting upon the flange of the well, said cap-flange having cut-away portions upon opposite sides, a clamp extending across the top of the cap having the vertical sides engaging the grooves of the well-flange and
15 forming a stop against which the ends of the cut-away portion of the cap-flange contact to limit its revolution.

3. An ink-well consisting of a body having an open top, a peripheral flange around the
20 upper part, a side opening above and extending into the top of the flange, a cap turnable about the upper part of the well having an opening adapted to register with that in the side of the well, said cap having an annular
25 flange around the bottom resting upon the flange of the well and having cut-away por-

tions upon opposite sides, a clamp having vertical sides extending through the cut-away portions of the cap-flange and engaging notches or grooves in the well-flange whereby
30 it is held stationary, the upper part of said clamp engaging the top of the cap whereby the latter is held in place and allowed to revolve so as to close or open the passage into
35 the well.

4. An ink-well and a holder or socket therefor, said well having an annular ledge or shoulder below the top and an opening through the side and shoulder, a cap having a corresponding opening and resting upon the
40 ledge, a stationary clamp normally extending across the top of the cap with legs upon each side and securing means, said legs extending parallel with the outer wall of the well and lugs or stops to limit the turning movement
45 of the cap.

In witness whereof I have hereunto set my hand.

GEORGE H. TRUE.

Witnesses:

C. C. MARSH,

GEO. A. TOM SUDER.