

No. 729,353.

PATENTED MAY 26, 1903.

G. B. KEPLINGER.

HANDLE OR HEAD FOR CANES OR LIKE ARTICLES.

APPLICATION FILED OCT. 17, 1902.

NO MODEL.

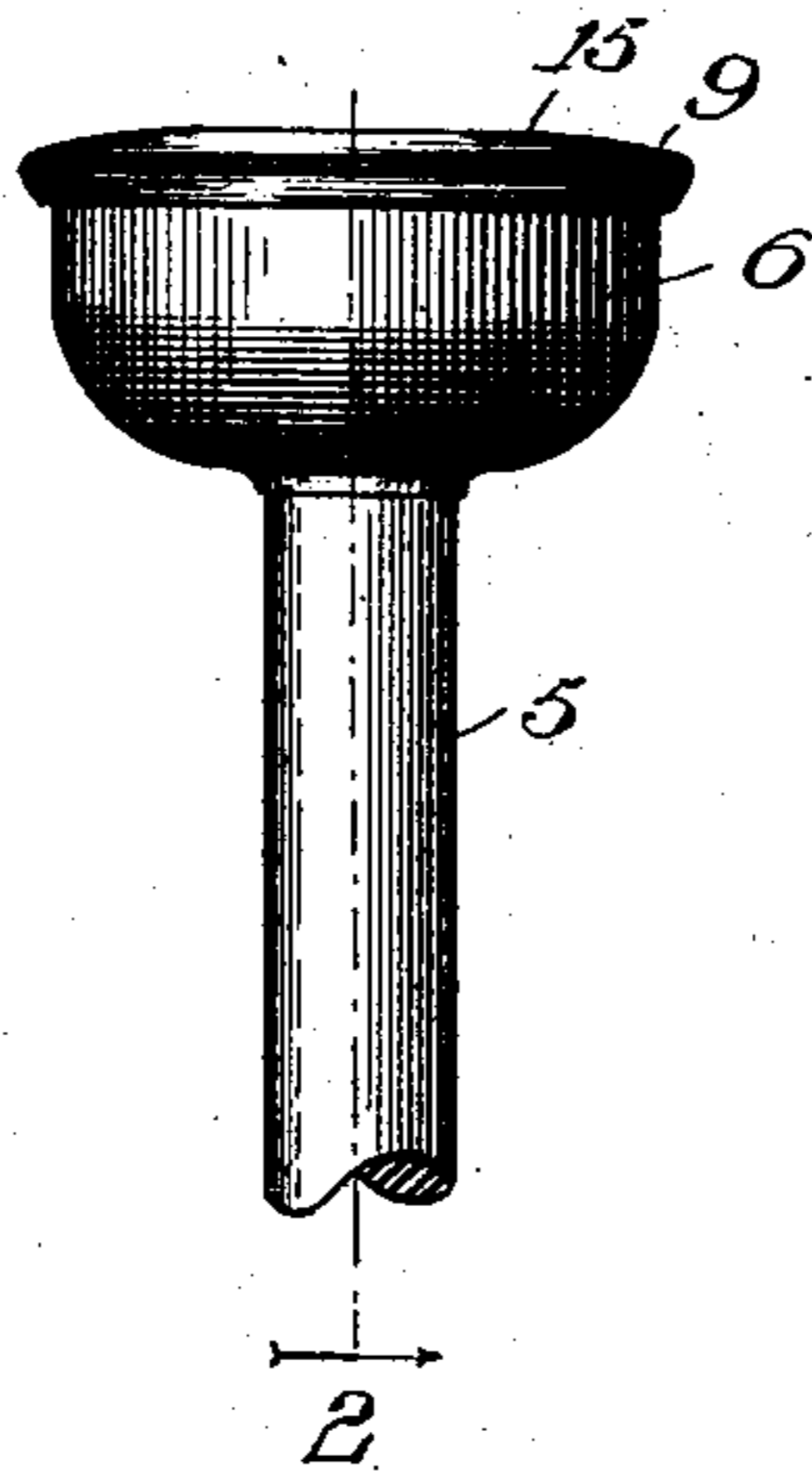


Fig. 1

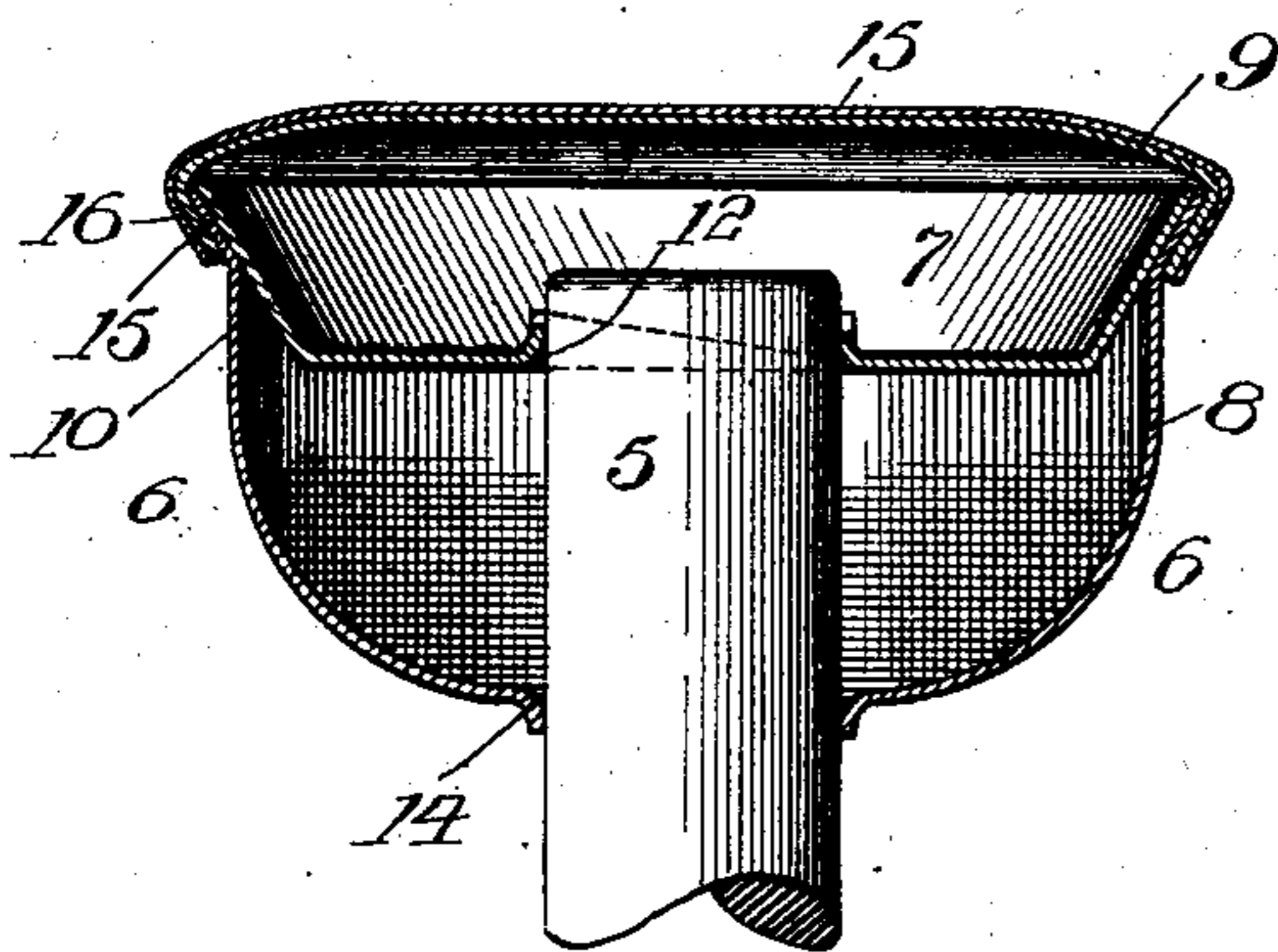


Fig. 2

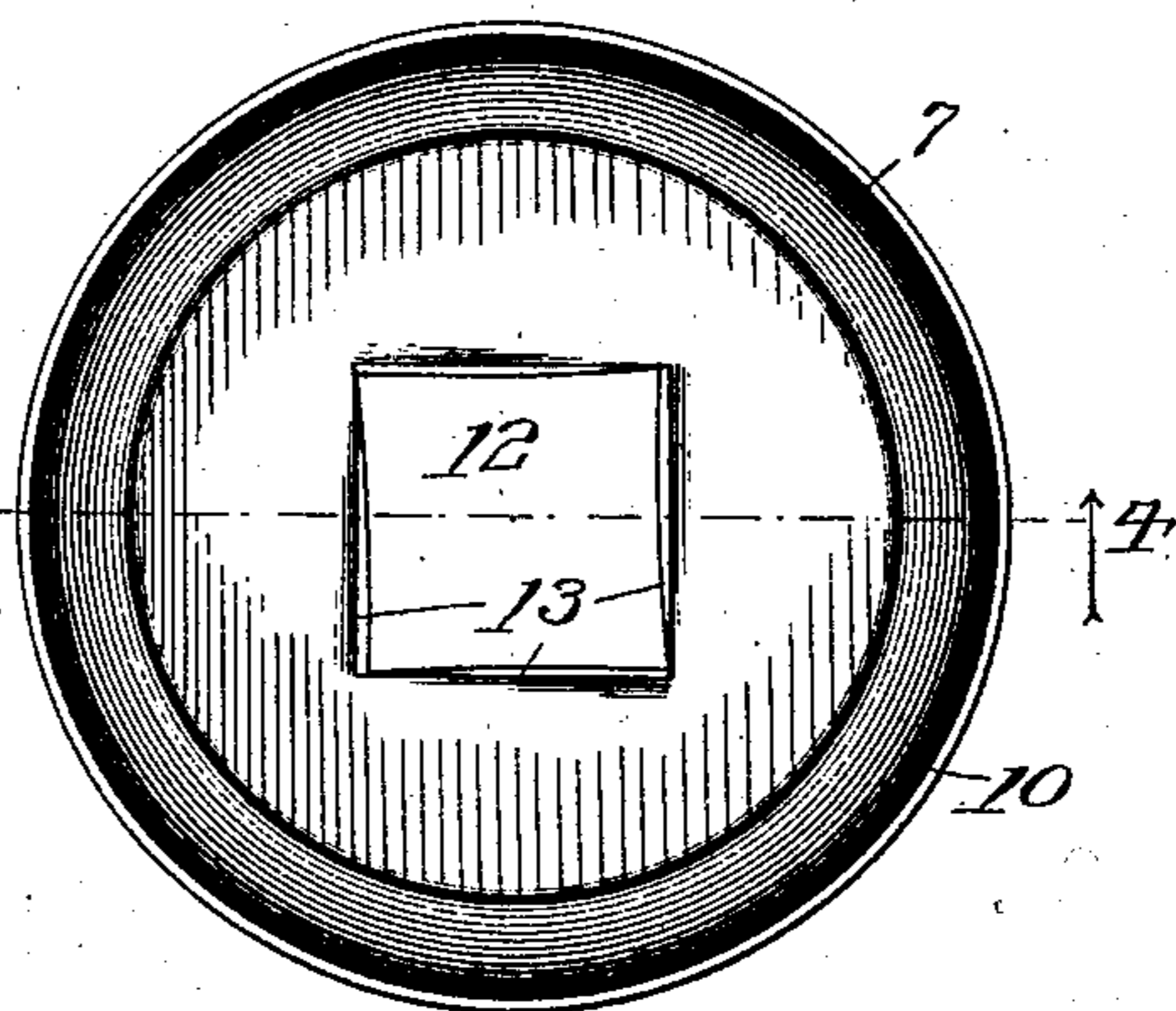


Fig. 3

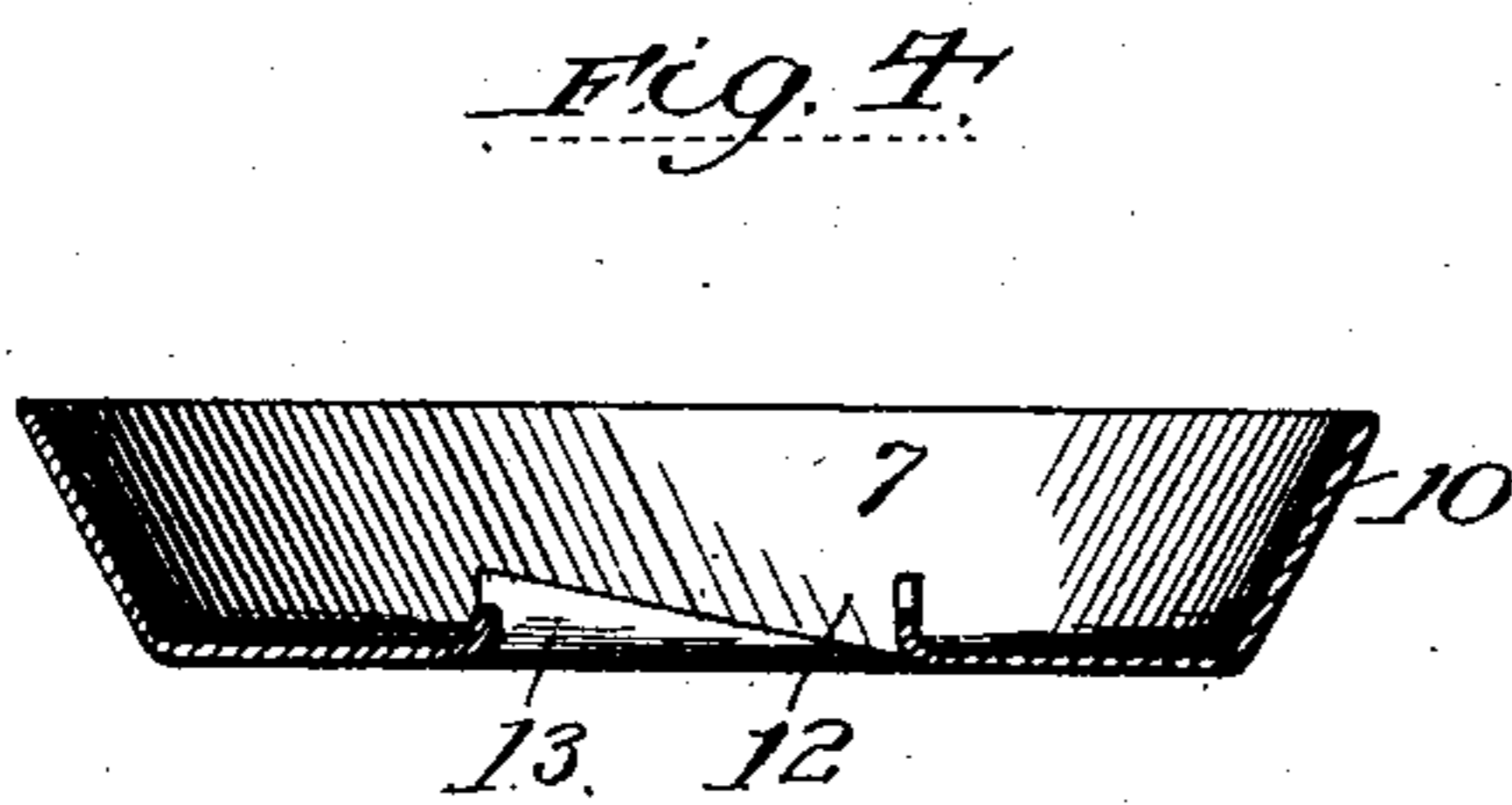


Fig. 4

Witnesses:

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UNITED STATES PATENT OFFICE.

GEORGE B. KEPLINGER, OF CHICAGO, ILLINOIS.

HANDLE OR HEAD FOR CANES OR LIKE ARTICLES.

SPECIFICATION forming part of Letters Patent No. 729,353, dated May 26, 1903.

Application filed October 17, 1902. Serial No. 127,640. (No model.)

To all whom it may concern:

Be it known that I, GEORGE B. KEPLINGER, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Handles or Heads for Canes or Like Articles, (Case No. 4,) of which the following is a specification.

My invention relates to handles or heads for canes, umbrellas, whips, and like articles.

The object of the invention is to provide a novel and simple metallic head or handle for canes, &c., which may be cheaply made and which will have bearings on the stick at two points and be perfectly rigid when assembled in place.

The invention consists in the arrangements of parts, as hereinafter described, and pointed out in the claims.

In the accompanying drawings, forming part of this specification, Figure 1 is a side elevation of the upper portion of a cane or similar article provided with a head or handle constructed in accordance with my invention. Fig. 2 is a sectional view on the line 2 2 of Fig. 1. Fig. 3 is a top plan view of the securing-plate, and Fig. 4 is a sectional view on the line 4 4 of Fig. 3.

Referring to the drawings by letter, the reference 5 denotes a section of a cane, umbrella-stick, riding-whip, or other similar article of any suitable size and preferably round in cross-section at its end and which for convenience may be generally termed "stick."

The numeral 6 denotes my improved head or handle as a whole, the same being composed of a plate or securing-disk 7, a bell 8, and a cap or top 9.

The disk 7 is of sheet metal of any suitable size and shape, being preferably round in outline, and its edge or periphery is provided with an upturned flange 10, so that the plate is somewhat dish-shaped in cross-section, as shown in Fig. 4. At its center the plate is provided with a square opening 12, and the metal of the edges of the opening is inclined or pitched like the thread of a screw, by stamping or otherwise, as shown at 13 in Figs. 3 and 4.

The bell 8 is of sheet metal drawn or stamped to shape and provided with an opening 14 to

form a bearing for the stick, and its top edge is somewhat flared, as at 15, to correspond with the flange 10 of the disk, which lies within the flare of the bell and with its edge flush with the edge of the bell when the parts are assembled. The flare of the bell provides an outturned rim, over which the edge of a top or cap 9 is clamped, as at 16, by any suitable press, to securely lock the parts in position. The cap is preferably a plate of sheet metal or like material, and may be provided with a photograph, advertisement, or like device, as at 15.

The inclination of the metal at the edges of the opening 12 provides the opening with a pitch on each side similar to the thread of a screw, so that the inclination or pitch of the metal gives a lead on the wood of the stick when the disk or plate 7 is assembled on the round end of the stick. The bell bears upon the stick at the opening 14, so that the head or handle has two points of bearing, and the parts bearing on the stick are rigidly united by the cap. By this construction the handle or head, of light sheet-metal parts, is made perfectly rigid and is securely attached upon the stick.

Having described my invention, I claim—

1. A handle or head for canes and the like, composed of a bell having a bearing on the stick and a flared upper end, a disk having a flange adapted to the flare of the bell and a square central opening having inclines to engage the stick, and a cap clamped over the flared end of the bell.

2. A handle or head for canes and like articles, comprising a bell having a central passage adapted to receive a stick, the upper edge of the bell being outwardly flared, a disk having a square central opening provided with inclines to screw upon the stick, the disk being flanged to rest in the flared portion of the bell with its edge flush with the edge of the bell, and a cap having its edge clamped about the flared end of the bell.

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

GEORGE B. KEPLINGER.

Witnesses:

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