

W. E. RANEY.
SPOON.

APPLICATION FILED MAR. 10, 1906.

2 SHEETS—SHEET 1.

Fig. 1.

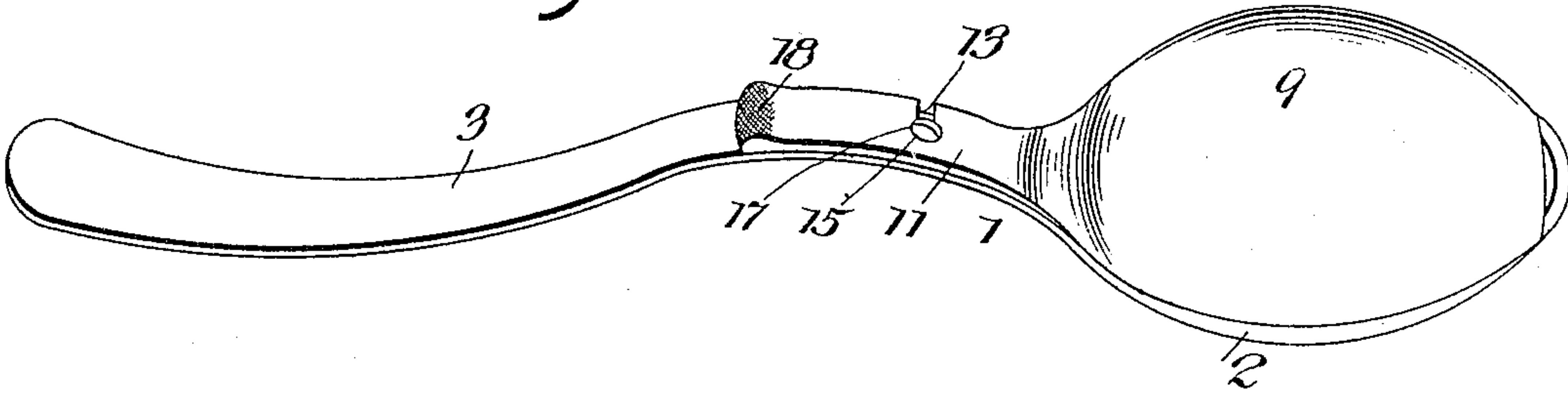


Fig. 2.

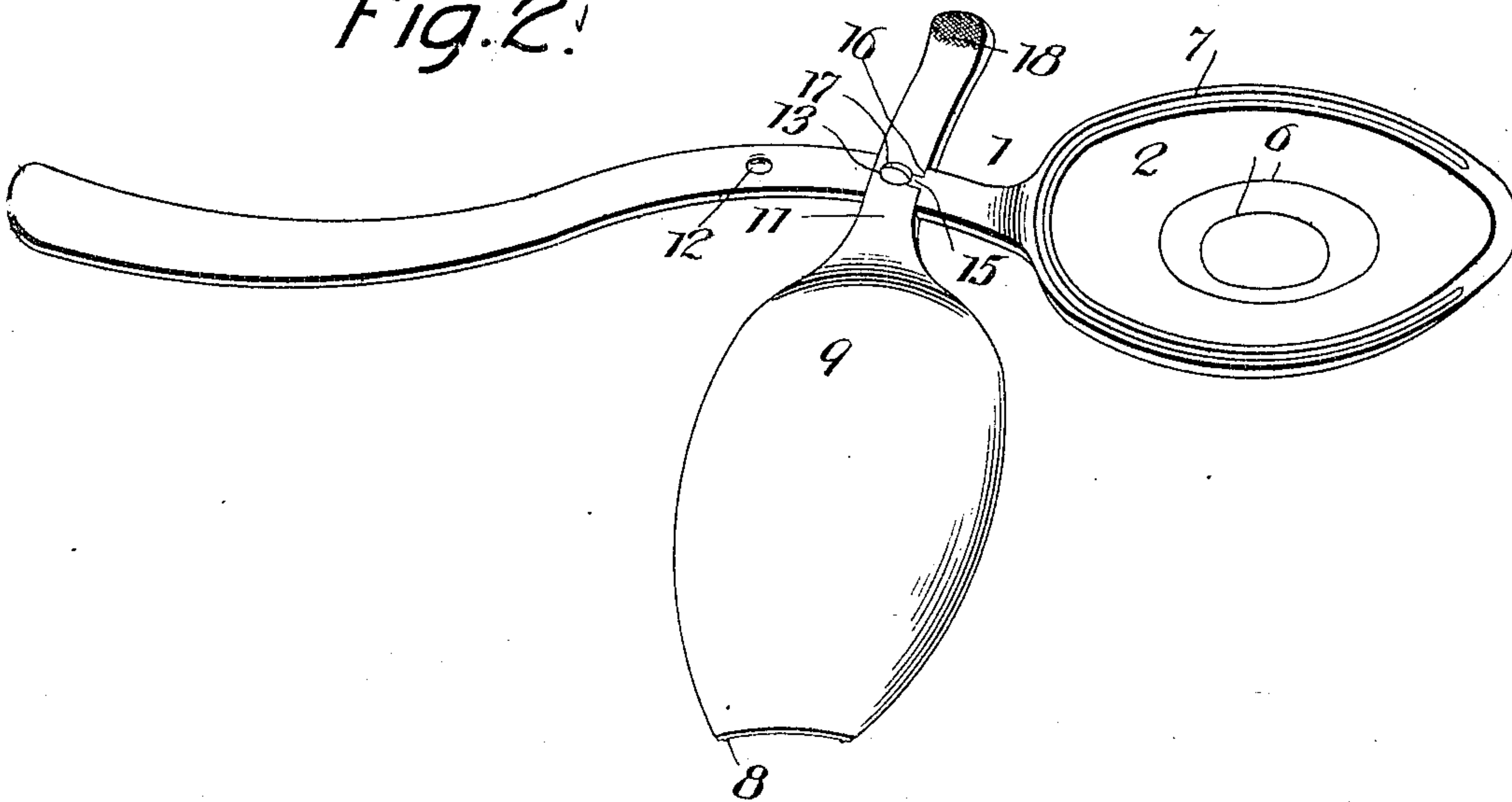
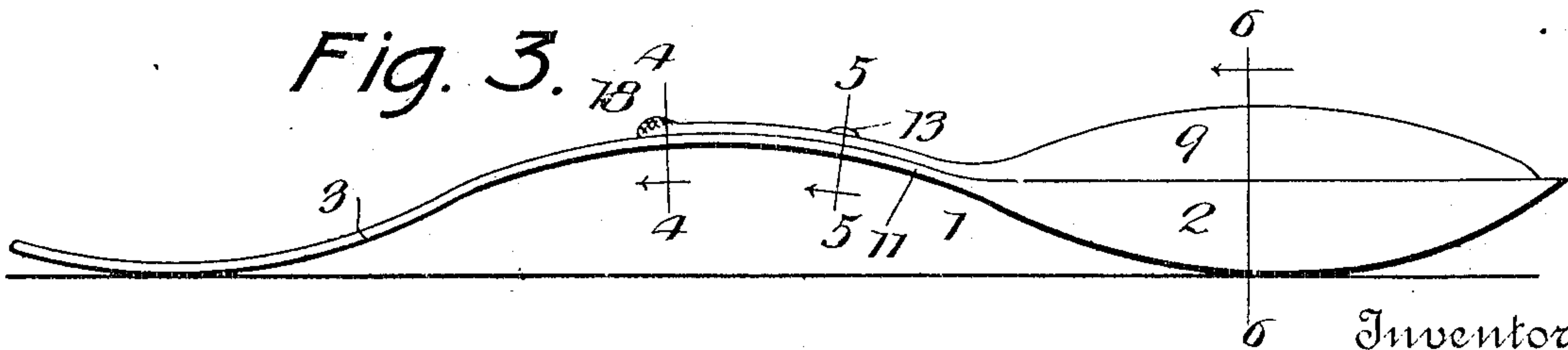


Fig. 3.



Witnesses
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2 SHEETS—SHEET 2.

Fig. 4.

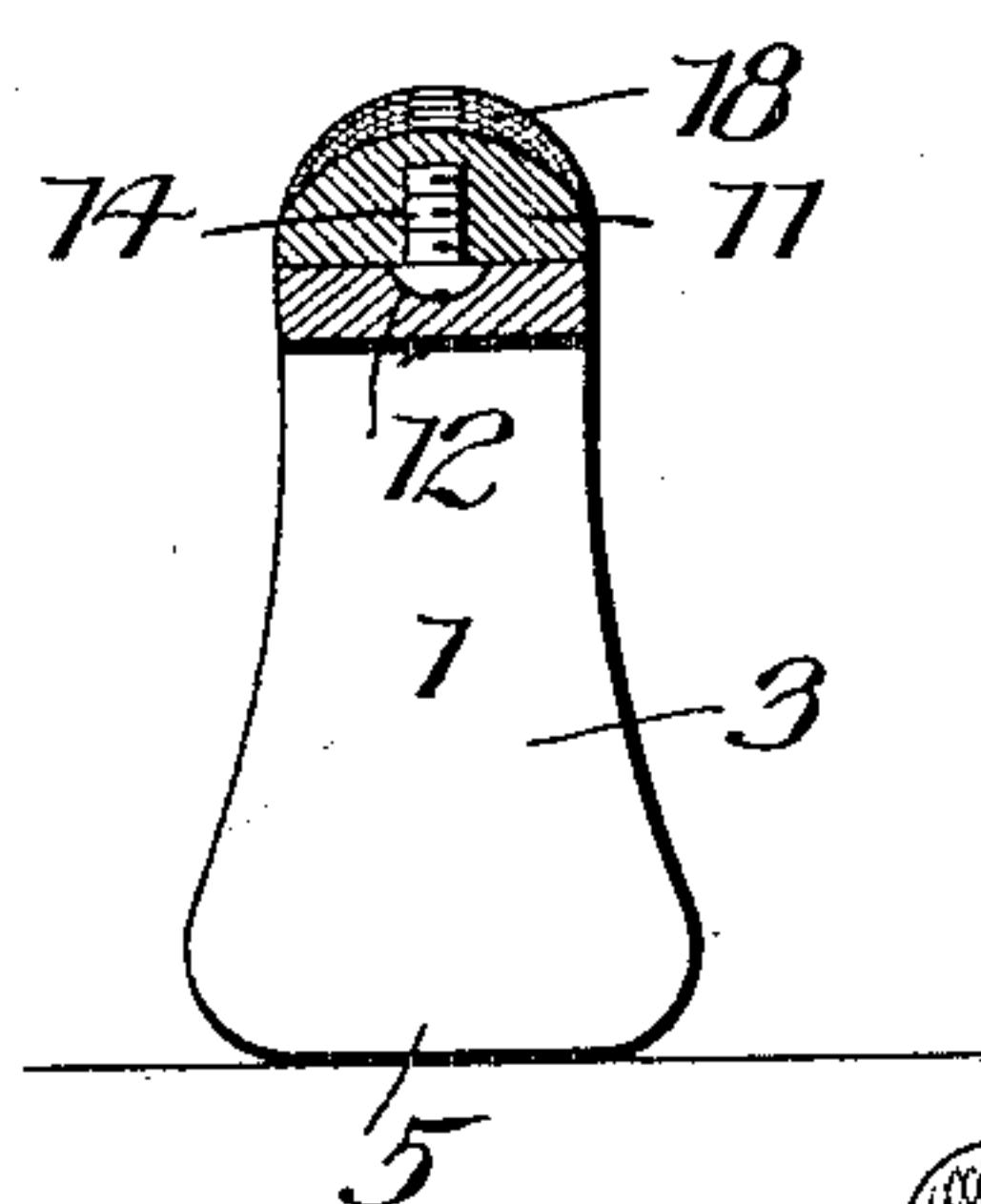


Fig. 5.

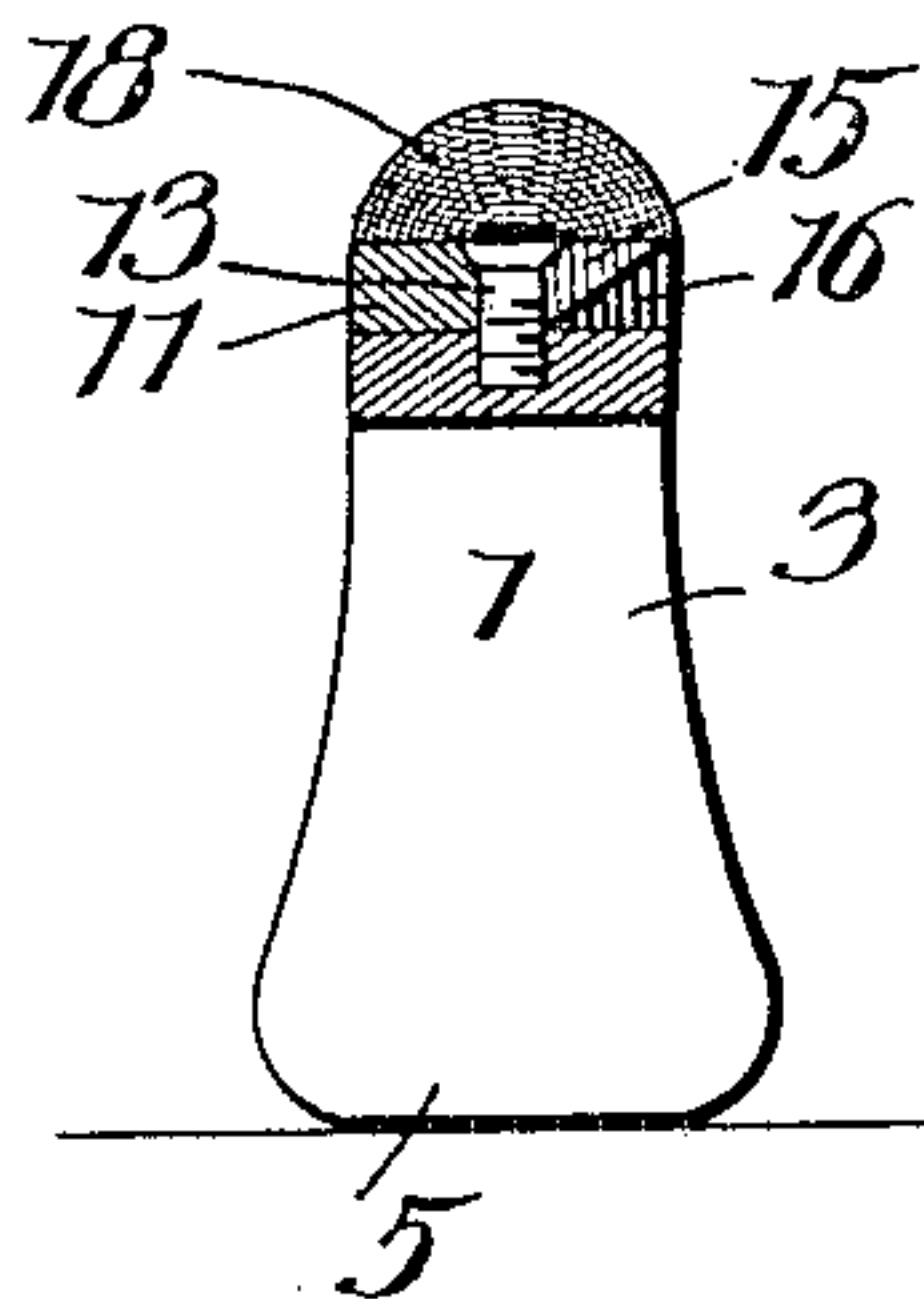


Fig. 6.

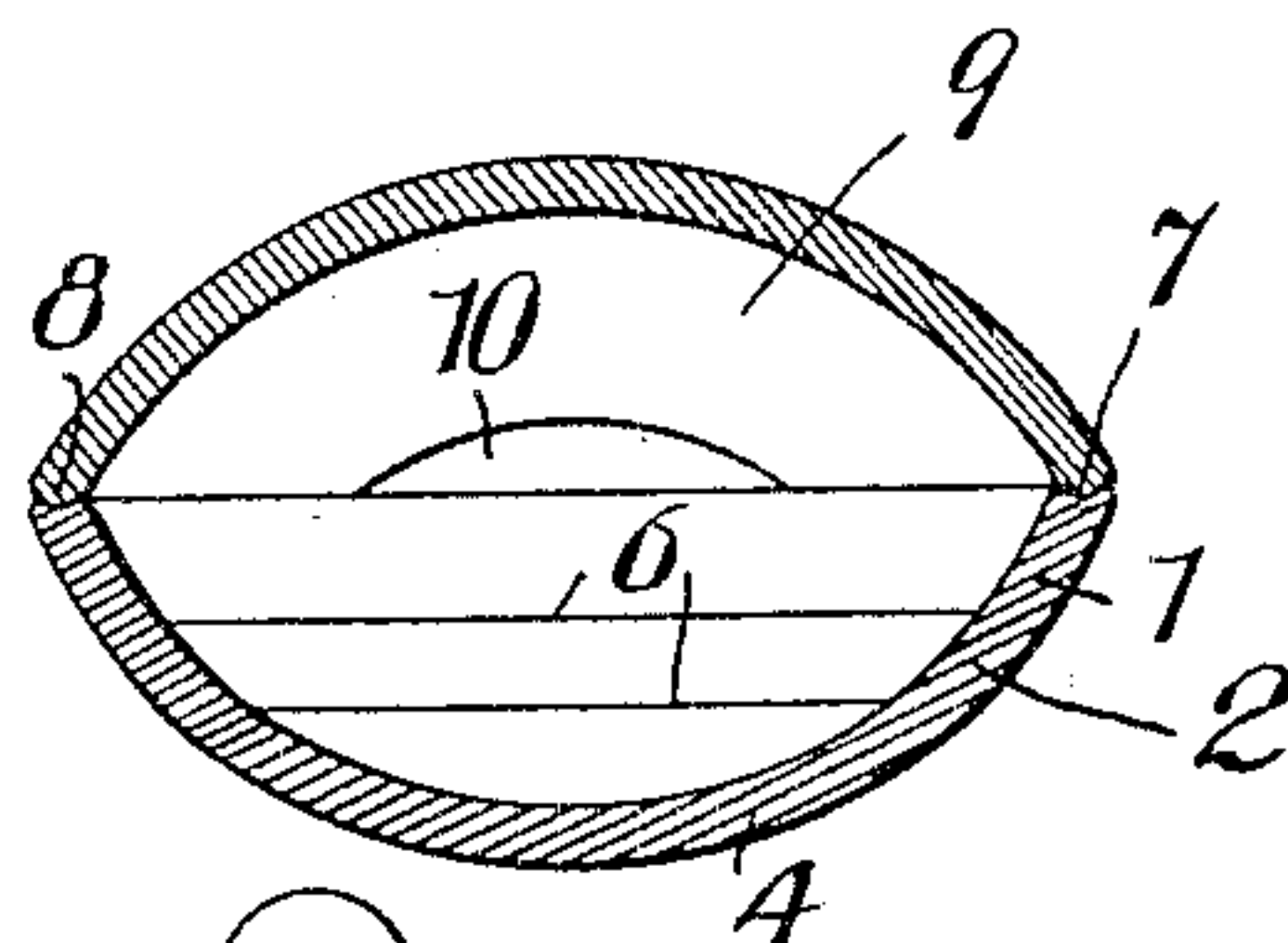


Fig. 7.

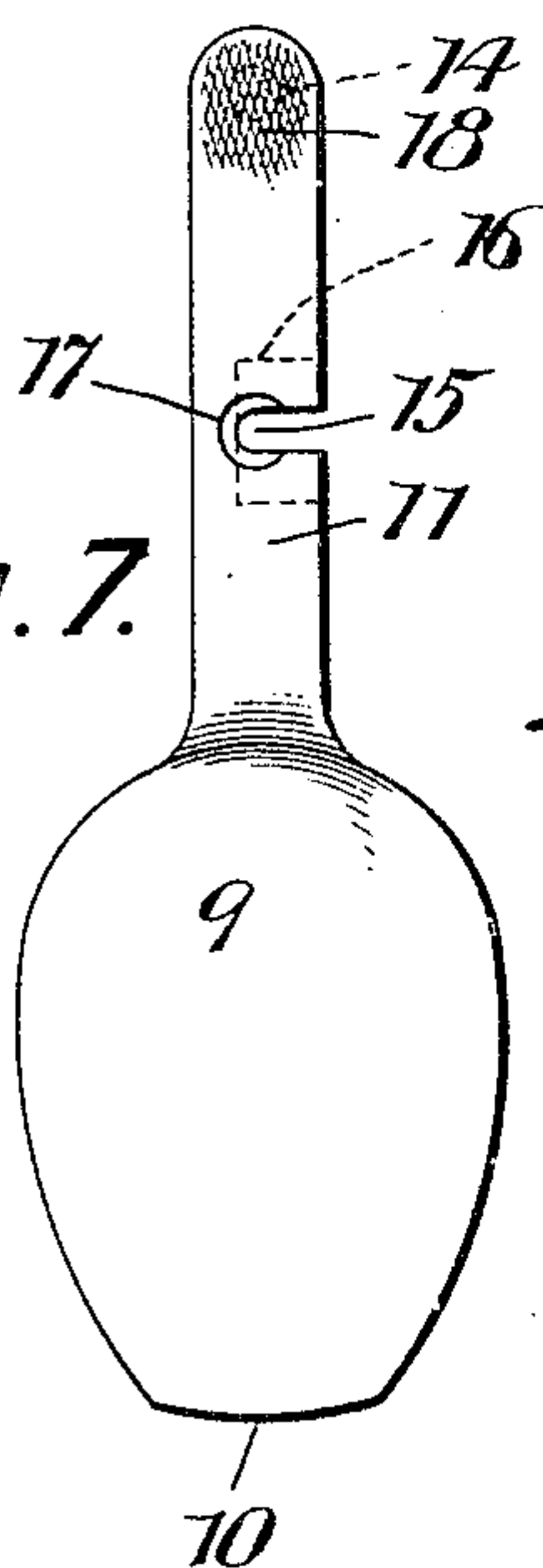


Fig. 8.

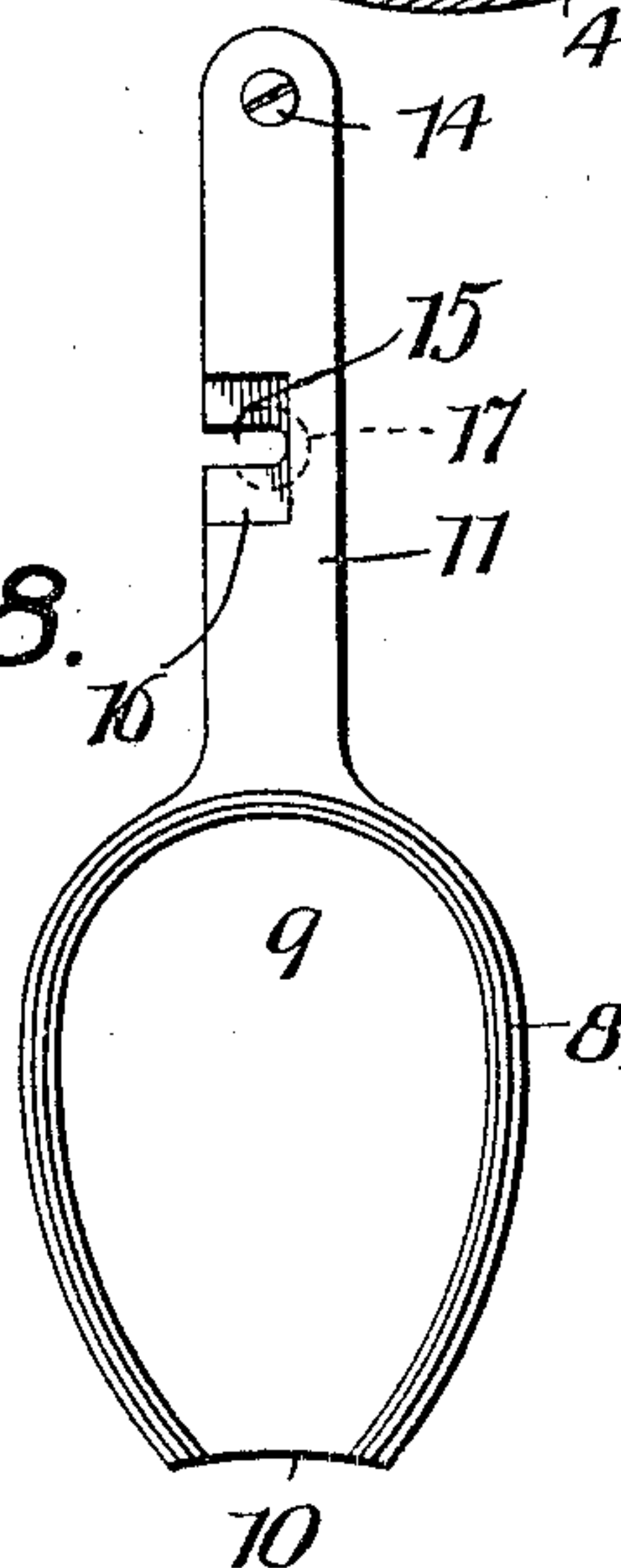
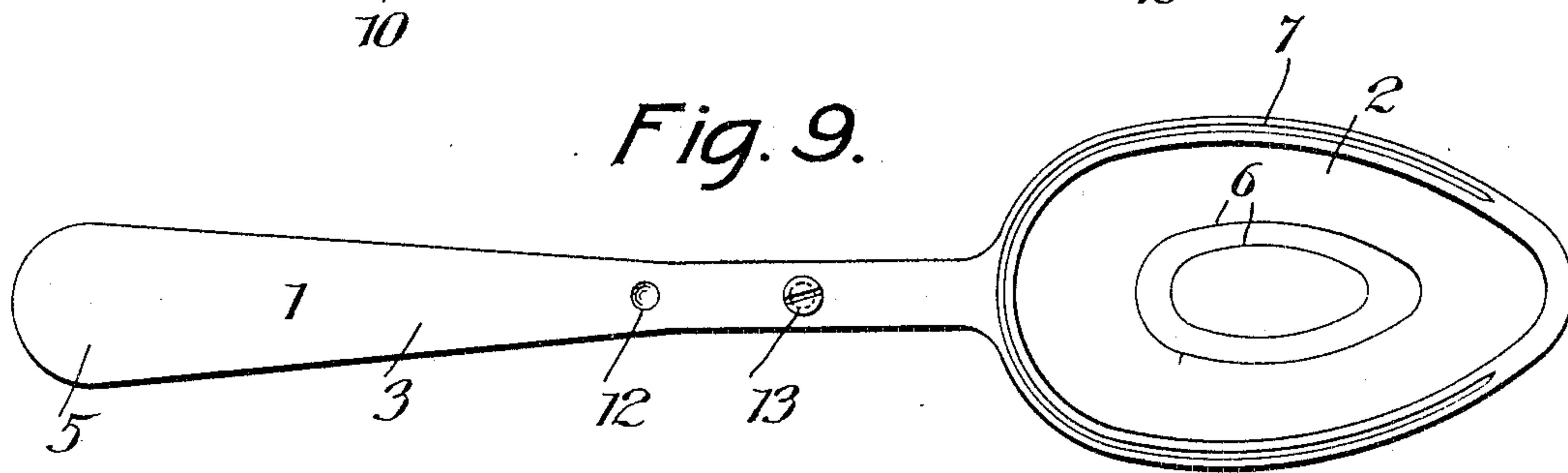


Fig. 9.



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UNITED STATES PATENT OFFICE.

WILLIAM E. RANEY, OF NORFOLK, VIRGINIA, ASSIGNOR OF ONE-HALF
TO JOHN F. WOODWARD, OF NORFOLK, VIRGINIA.

SPOON.

No. 837,506.

Specification of Letters Patent.

Patented Dec. 4, 1906.

Application filed March 10, 1906. Serial No. 305,336.

To all whom it may concern:

Be it known that I, WILLIAM E. RANEY, a citizen of the United States, residing at Norfolk, in the county of Norfolk and State of Virginia, have invented certain new and useful Improvements in Spoons; and I do declare the following to be a full, clear, and exact description of the invention, such as it appertains to make and use the same.

My invention relates to improvements in nursery and medicine spoons.

One object of the invention is to provide a simple spoon of this character by means of which food or medicine may be conveniently given or administered to children or sick persons.

Another object of the invention is to provide a medicine-spoon of this character which may be placed upon any flat surface without spilling the contents.

Another object of the invention is to provide a spoon of this character which will be easy to manipulate.

A further object of the invention is to improve and simplify the construction and operation of devices of this character, and thereby render the same more efficient.

The above and other objects are accomplished by the construction illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of my improved nursery or medicine spoon with its cover in its closed position. Fig. 2 is a similar view of the same with the cover in its open position. Fig. 3 is a side elevation or edge view of the spoon supported upon a flat horizontal surface. Figs. 4, 5, and 6 are sectional views taken, respectively, upon the planes indicated by the line 4 4, 5 5, and 6 6 in Fig. 3. Figs. 7 and 8 are views of the upper and inner faces of the cover of the spoon, and Fig. 9 is a plan view of the spoon.

Referring to the drawings by numeral, 1 denotes my improved nursery or medicine spoon, which comprises a bowl 2 of the usual oval or elliptical form and a curved handle 3 at one end of the same. The handle 3 is so shaped that its end 5 is adapted to serve as a foot to support the spoon in a horizontal position when it is placed upon a flat surface, as shown in Fig. 3 of the drawings. In the bowl 2 of the spoon I preferably arrange graduation-marks 6, which indicate a tea-

spoonful and a dessert-spoonful, the bowl being preferably, but not necessarily, made in the size of the ordinary table-spoon. These graduations may be arranged so that any other quantities of liquid may be measured, and they may be formed or provided in the bowl in any suitable manner.

Around the upper edge of the bowl 2 is a surrounding groove 7, adapted to receive the correspondingly-shaped edge 8 of a cover 9, which is provided for the bowl of the spoon. Said cover 9 corresponds in shape to that of the bowl 2 and is cut away at one end, as shown at 10, and has its opposite end formed with a handle or stem 11, which is adapted to be detachably pivoted upon the handle 3 of the spoon. This detachable pivotal connection between the stems 3 and 11 is preferably effected by providing in the upper face of the handle 3 a recess or depression 12 and adjacent thereto a headed screw 13 and by providing in the outer end of the handle 11 upon its under side a headed screw 14 and in said handle 11 on one edge of the same a U-shaped notch 15. The notch 15 is arranged in a beveled portion or recess 16, formed in the under face of the handle 11, and around said notch upon the upper side of said handle is an annular recess or beveled portion 17. The screw 13 is adapted to serve as a pivot for the cover 9 and to enter the notch 15 in the handle 11, and the headed screw 14 upon the latter is adapted to seat in the depression 12 to cause the cover to be held firmly upon the bowl of the spoon, as shown in Figs. 1 and 3 of the drawings. In opening the spoon the cover 9 is swung, as shown in Fig. 2, to a position at right angles to the spoon by pressing or pushing laterally upon the milled or roughened portion 18 on the upper and outer end of the handle 11 until the head of the screw 14 is sprung out of its seat or depression 12. When this is done, the cover 9 may be removed with ease. It will be seen that by adjusting the screws 13 and 14 the cover when in closed position will be held securely upon the bowl 2 of the spoon, so that the medicine cannot work out between the engaged edges 7 8 of said bowl and cover.

The construction, use, and advantages of the invention will be readily understood from the foregoing description, taken in connection with the accompanying drawings. It

will be seen that by providing the spoon with a detachable cover of this kind it may be quickly taken apart to permit it to be thoroughly cleaned, and when in this closed position its parts will be held firmly together, so that the only escape for the contents of the spoon will be through the open end of the cover.

By constructing the spoon so that it may rest horizontally upon a flat surface and by providing the graduations in its bowl medicine may be quickly and conveniently poured into the same and measured accurately.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of the invention.

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

1. A spoon of the character described, comprising a bowl, having a handle at one end provided on its outer side with a recess and a headed stud adjacent to said recess, a cover for the bowl of said spoon provided with a handle at one end having a notch in one edge adapted to engage said headed stud, and a projection upon the handle of said

cover adapted to enter the recess in the handle of said spoon.

2. A spoon of the character described, comprising a bowl, having a handle at one end formed in its upper face with a recess, a screw-stud in said handle, a cover for the bowl of said spoon, having a handle at one end formed in one of its edges with a notch adapted to engage said screw, and a screw in the under side of the handle of said cover adapted to enter the recess in the handle of said spoon.

3. A spoon of the character described, comprising a bowl, having a handle at one end formed in its upper face with a recess, a screw-stud in said handle, a cover for the bowl of said spoon, having a handle at one end formed in one of its edges with a notch adapted to engage said screw, the handle of said cover having in its under side, adjacent to said notch, a beveled recessed portion, substantially as described and for the purpose set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

WILLIAM E. RANEY.

Witnesses:

H. BORLAND,

J. A. WOODWARD.