

(No Model.)

F. S. SNYDER.
SELF ADJUSTABLE BICYCLE LAMP.

No. 605,354.

Patented June 7, 1898.

Fig. 1.

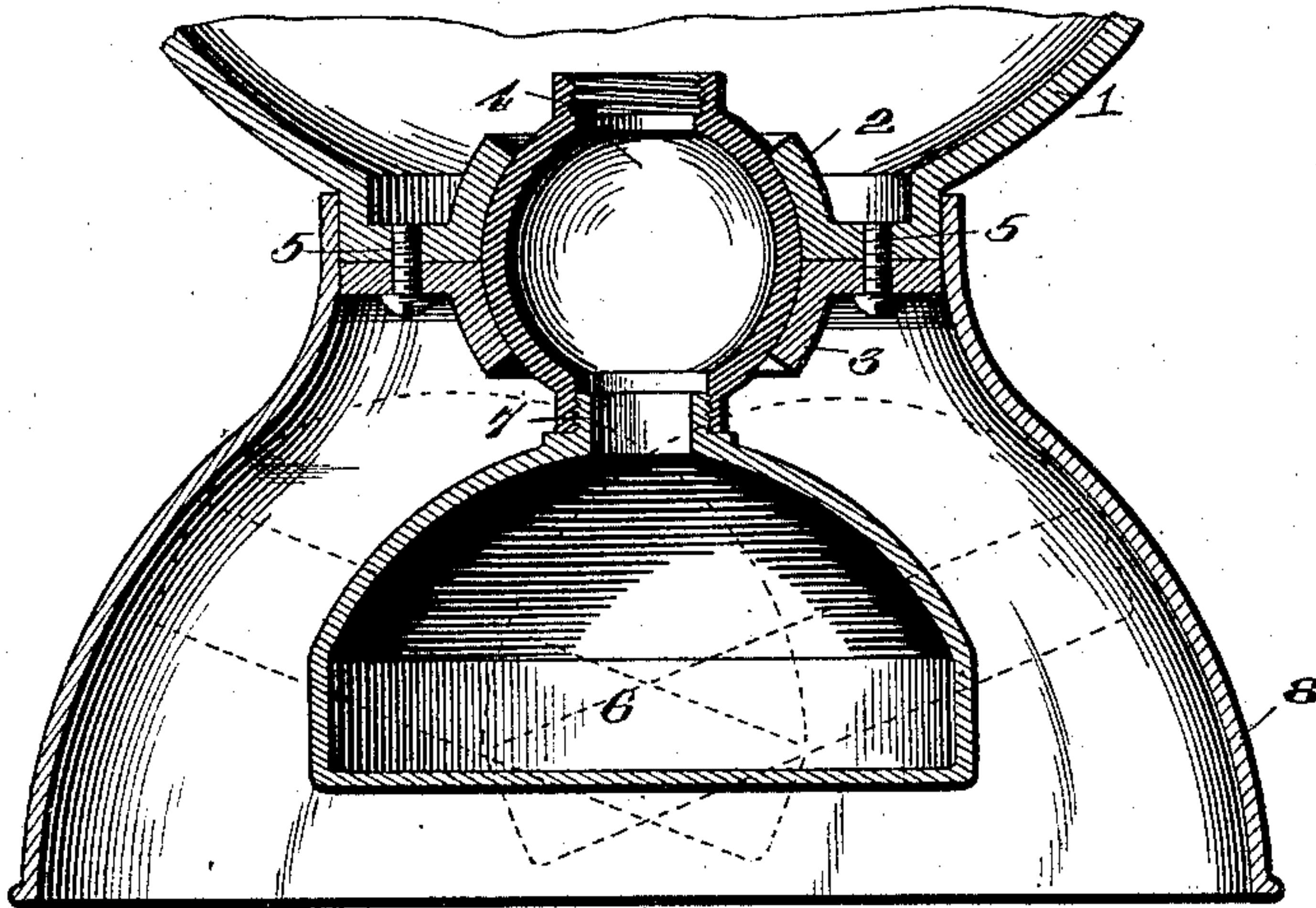


Fig. 2.

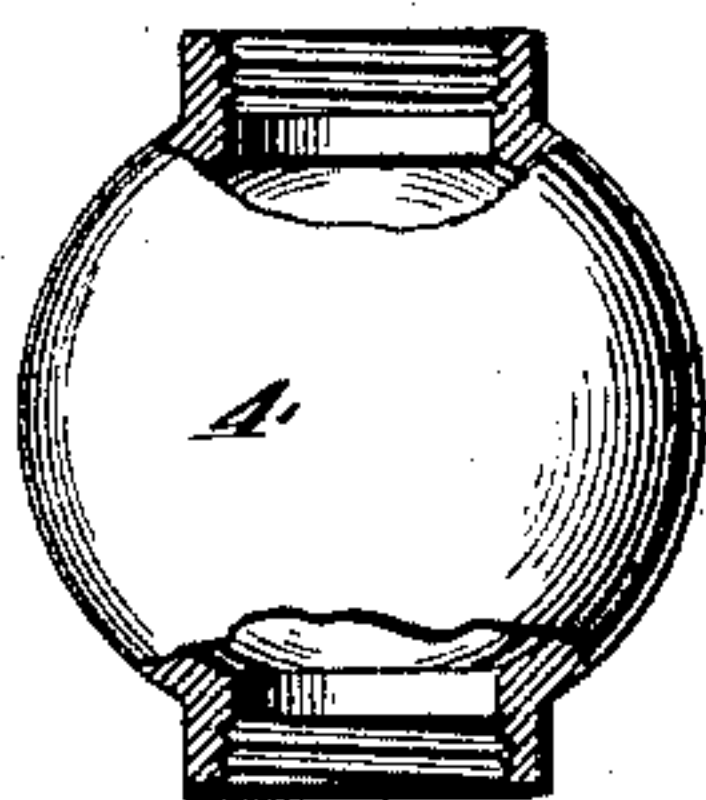


Fig. 3.

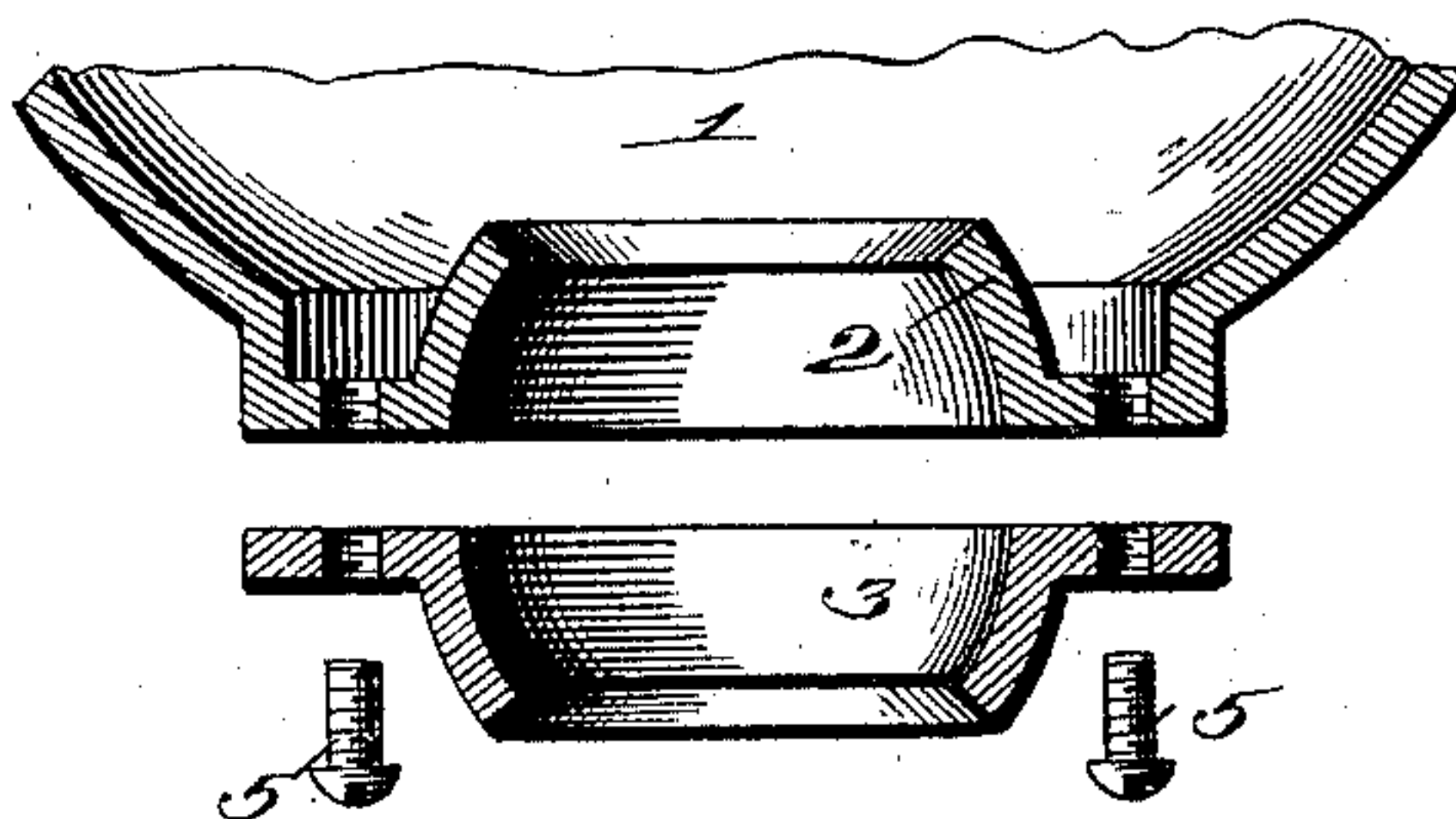


Fig. 4.

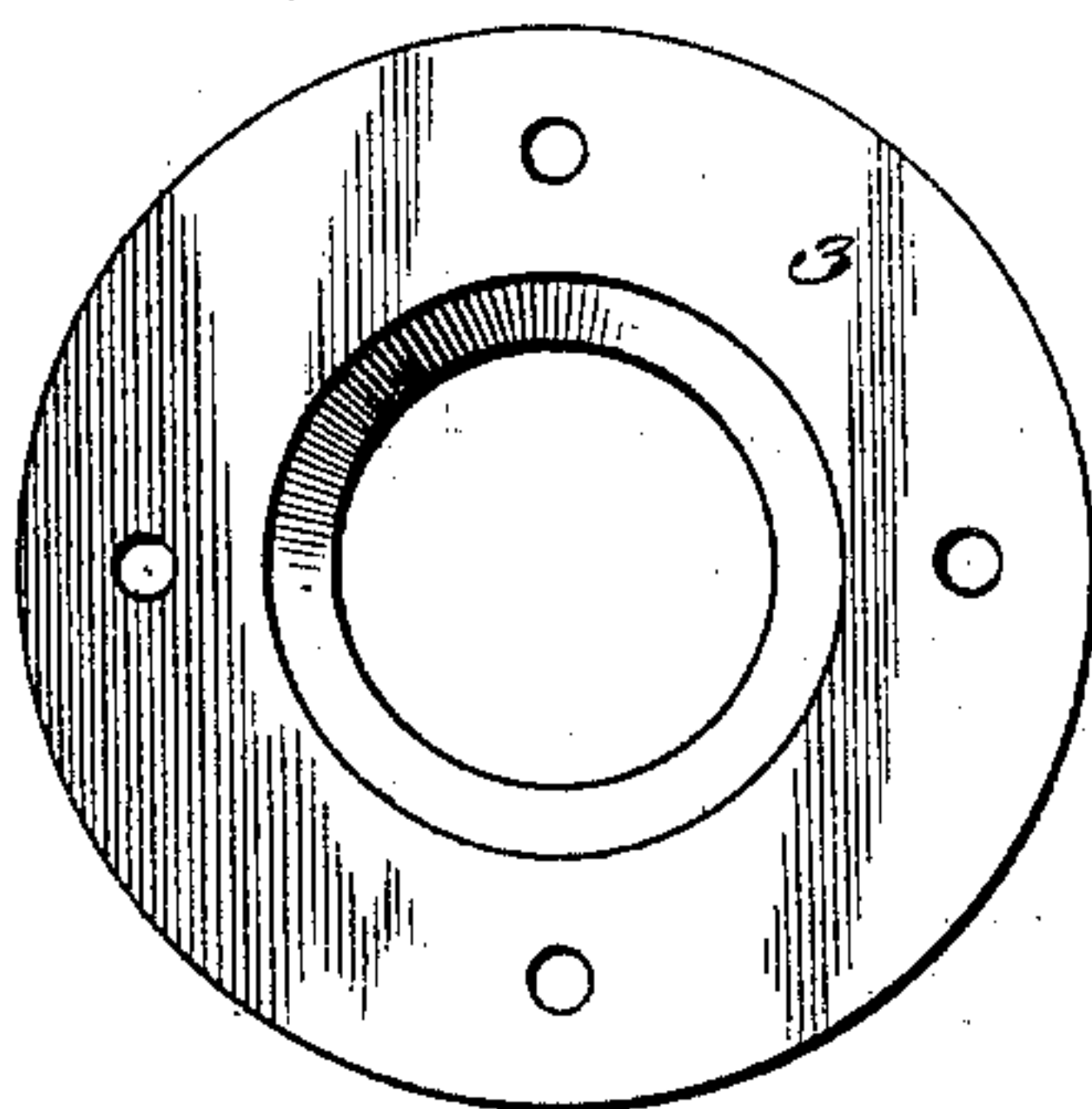
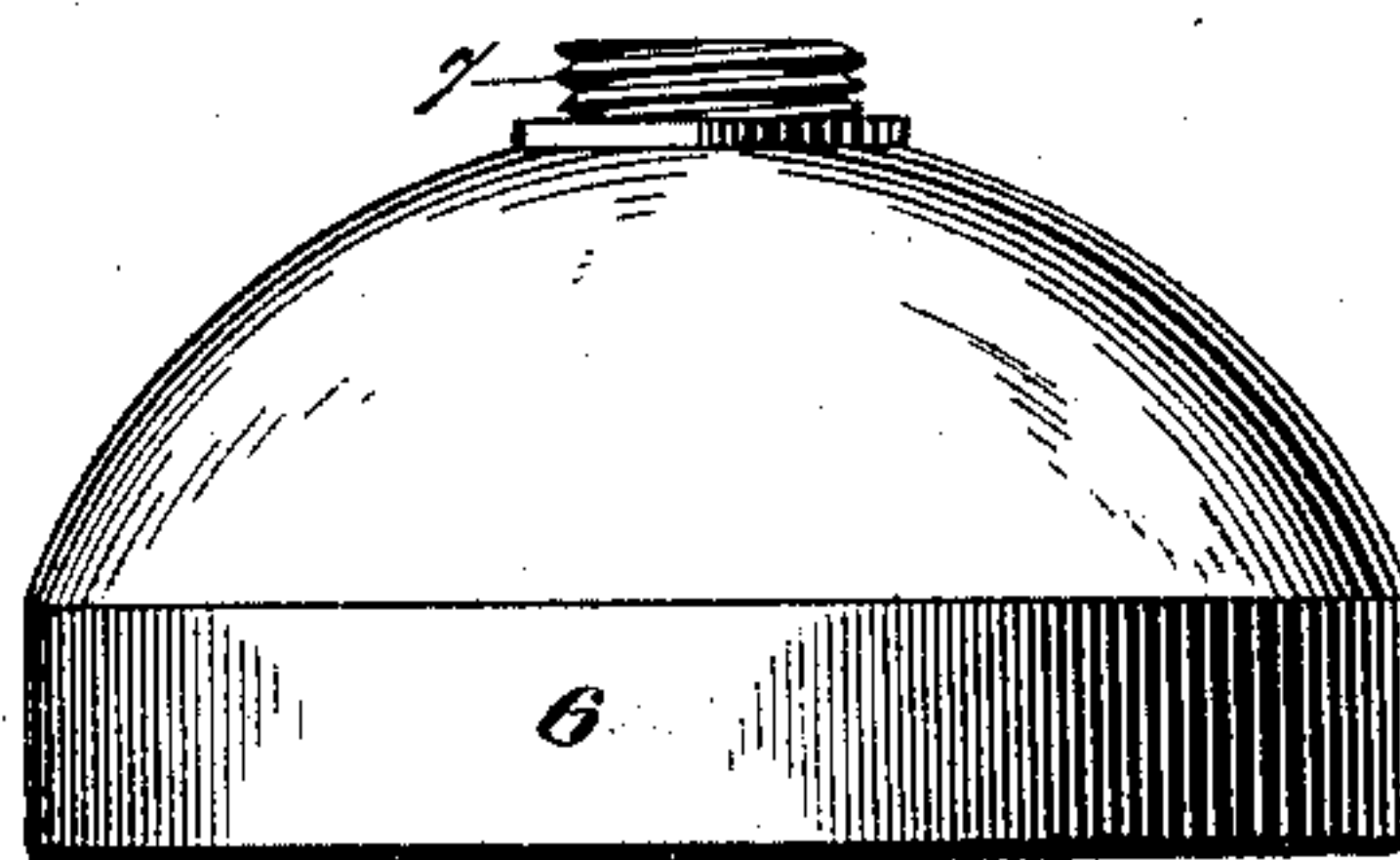


Fig. 5.



Witnesses
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UNITED STATES PATENT OFFICE.

FRANK S. SNYDER, OF BRICE, OHIO.

SELF-ADJUSTABLE BICYCLE-LAMP.

SPECIFICATION forming part of Letters Patent No. 605,354, dated June 7, 1898.

Application filed June 25, 1897. Serial No. 642,262. (No model.)

To all whom it may concern:

Be it known that I, FRANK S. SNYDER, of Brice, in the county of Franklin and State of Ohio, have invented certain new and useful
5 Improvements in Self-Adjustable Bicycle-Lamps; 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
10 use the same.

This invention relates to self-adjusting lamps or lanterns.

The invention is designed for use in connection with bicycles.

15 The object of the invention is to provide a cheap and efficient lamp which shall have the capacity of self-adjustment within considerable limits, so that it will remain upright whether its support is tilted at an angle or
20 not, the purpose being to keep the oil-reservoir always in upright position and thereby prevent leakage of oil, as well as to prevent the accidental extinguishing of the lamp.

In the drawings forming part of this specification, Figure 1 is a central section through
25 my improved lamp in an upright position, showing in dotted lines the position that the oil-reservoir may take whenever its support is inclined or stands at an angle. Fig. 2 is an
30 elevation, partly in section, showing a hollow ball with which the oil-reservoir is to be coupled at one end and the burner at the other end. Fig. 3 is a section showing in two parts the socket in which the bowl is mounted.
35 Fig. 4 is a plan of the bottom part of the socket. Fig. 5 is an elevation of the oil-reservoir.

1 is the upper part or body of the lantern. This body part may be of any preferred or
40 conventional form of lantern carrying glass

or lens in front and a reflector behind the flame of the lamp. This part or body of the lantern has formed in its base the half 2 of a spherical socket.

3 is the lower half of the socket-joint, the
45 two parts being secured together around the ball part 4 by screws 5 or other suitable means.

6 is the oil-reservoir, having a screw-neck 7 for ready connection with the lower part of
50 the ball 4.

8 is a conical base or foot rigidly connected with the upper part of the lantern, so that the lantern may stand firmly when placed upon
55 the ground or other support.

In practice the burner carrying the wick-tube may be screwed up tight and only the reservoir removed from the bottom for refill-
ing.

All of the parts of the lamp should be made
60 of brass or like suitable metal. The ball should fit smoothly and freely in the socket to permit free movement in every direction.

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

A bicycle-lantern embracing the combination of a body part, an oil-reservoir, a ball connected with the reservoir, the said ball having a passage through which oil is sup-
70 plied to the burner and a socket for the ball connected with the body of the lantern, substantially as described.

In testimony whereof I have signed this specification in the presence of two subscrib-
75 ing witnesses.

FRANK S. SNYDER.

Witnesses:

GEO. GRIGELE,
ELISHA THOMPSON.