

No. 757,674.

PATENTED APR. 19, 1904.

H. J. PAWLING.
COAL OIL LAMP BURNER.
APPLICATION FILED SEPT. 29, 1903.

NO MODEL.

Fig. 3.

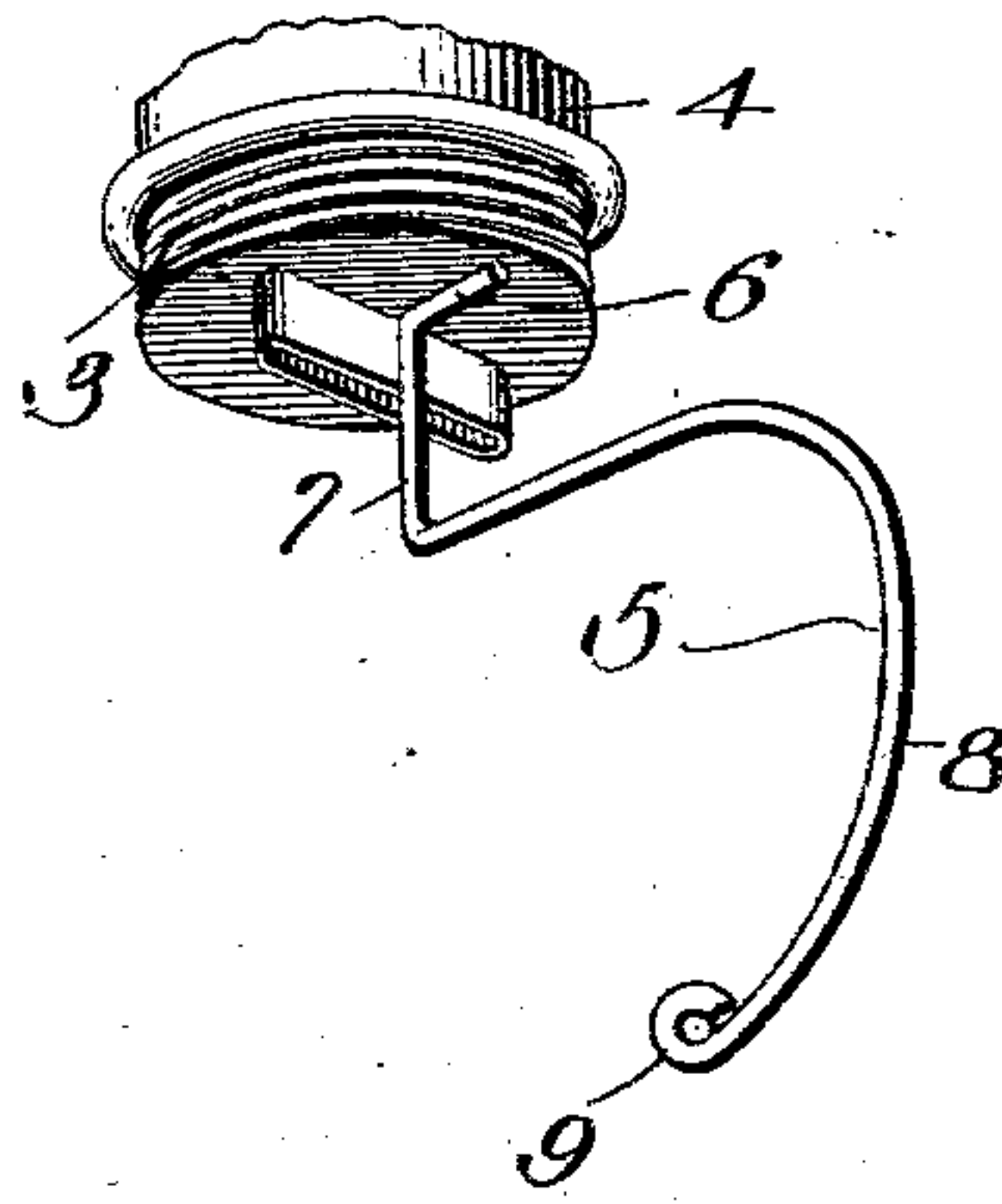


Fig. 1.

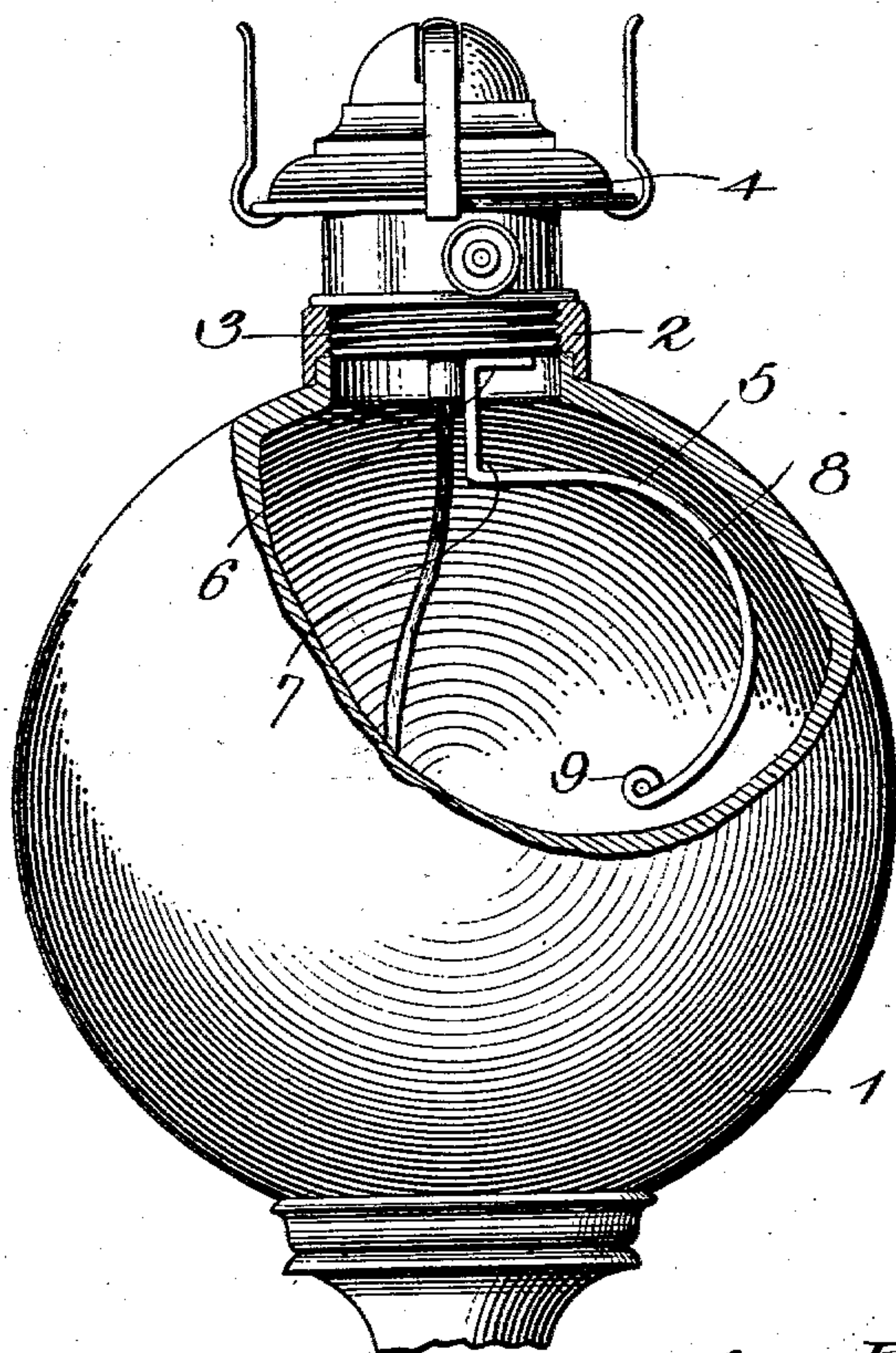


Fig. 2.

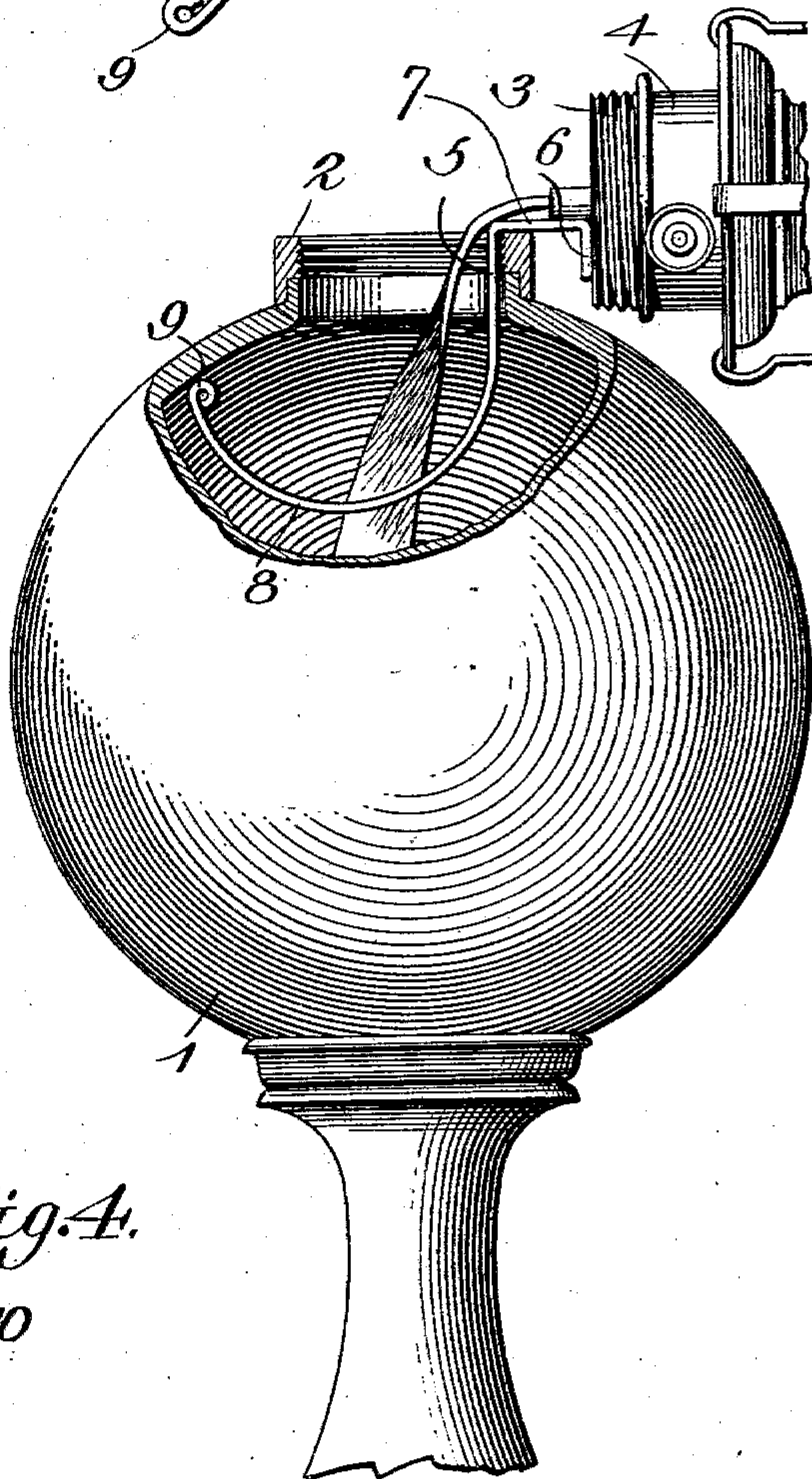
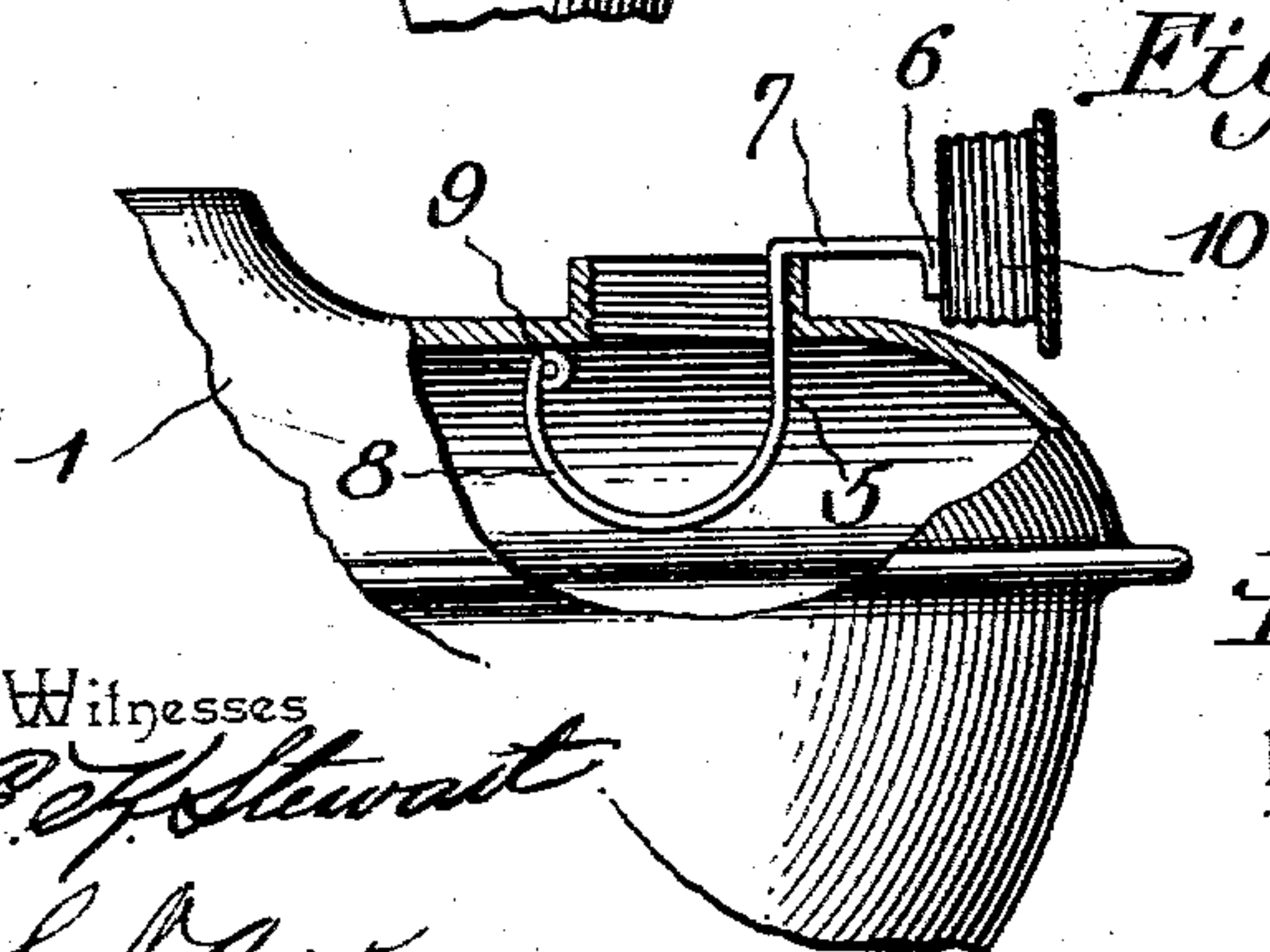


Fig. 4.



Witnesses
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UNITED STATES PATENT OFFICE.

HARRY J. PAWLING, OF NEW COLUMBIA, PENNSYLVANIA.

COAL-OIL-LAMP BURNER.

SPECIFICATION forming part of Letters Patent No. 757,674, dated April 19, 1904.

Application filed September 29, 1903. Serial No. 175,050. (No model.)

To all whom it may concern:

Be it known that I, HARRY J. PAWLING, a citizen of the United States, residing at New Columbia, in the county of Union and State of Pennsylvania, have invented a new and useful Lamp-Burner Attachment, of which the following is a specification.

This invention relates to certain improvements in lamp-burners, and more particularly to an attachment for holding the burner while the lamp-reservoir is being filled.

The object of the invention is to provide a simple, inexpensive, and efficient device of this character adapted to hold the lamp-burner when unscrewed from the collar, so as to permit the operator to use both hands instead of being compelled to hold the burner with one hand while filling with the other.

A further object of the invention is to provide a holder adapted to rest on the lamp-collar and sustain the burner in a position at right angles to the vertical axis of the lamp-font, thereby presenting an unobstructed filling-orifice.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended, it being understood that various changes in form, proportion, and minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

In the accompanying drawings, Figure 1 is a vertical sectional view of a lamp and burner provided with my improved holder. Fig. 2 is a similar view showing the manner of supporting the burner, and Fig. 3 is a perspective view of the burner and holder detached. Fig. 4 is a detail sectional view showing the application of the holder to lamps provided with separate filling-orifices and illustrating the manner of supporting the removable cap.

Similar numerals of reference indicate corresponding parts in all the figures of the drawings.

1 designates the lamp font or reservoir provided with the usual collar 2, adapted to receive the threaded extension 3 of the burner 4.

The holder 5, which may be formed of metal or other suitable material, is preferably formed of a single piece of wire, one end of which is bent in a horizontal plane, as shown at 6, and soldered, riveted, or otherwise secured to the bottom of the threaded extension 3, the opposite end of the wire being bent at right angles thereto, as shown at 7, and thence outwardly and downwardly to form a curved arm 8, the wire at the end of arm 8 being bent upon itself to form a knob 9, adapted to engage the inner upper wall of the font or reservoir when the burner is detached, as clearly shown in Fig. 2 of the drawings.

In operation when it is desired to fill the lamp with oil or other fluid the burner is unscrewed and tilted to one side of the collar 2, which causes the portion 7 of the holder to engage the top of said collar and the knob 9 of the curved arm 8 to bear against the interior wall of the reservoir, thereby supporting the burner in a position at right angles to the vertical axis of the lamp-font and entirely out of the way while the latter is being filled, as clearly shown in Fig. 2 of the drawings. It will be observed when the burner is thus supported the upper portion of the curved arm 8 will assume a substantially vertical position and bear against the inner wall of the collar 2, thereby preventing outward movement of the burner and presenting a practically unobstructed filling-orifice.

The holder instead of being soldered or otherwise permanently attached to the base of the burner may have its upper end threaded for engagement with a correspondingly-threaded socket on said burner, so as to permit the holder to be readily detached when desired.

In Fig. 4 I have illustrated the application of the holder to lamps or other fluid-containing receptacles provided with a separate filling-orifice, the holder being rigidly or pivotally secured to the removable cap 10, so as to support said cap while the lamp or other receptacle is being filled.

From the foregoing description it will be seen I have provided a simple, durable, and efficient holder by means of which an ordinary house or hand lamp may be conveniently

filled with oil without removing the burner and wick from the lamp and which may be used with equally good results for supporting the removable caps on lamps or other vessels
5 having separate filling-orifices.

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

1. A lamp-burner attachment comprising
10 a supporting member formed of a single piece of wire, one end of which is bent to form a squared shoulder arranged to engage the neck of the font, the opposite end of the wire being bent to form an arm arranged to engage
15 the inner wall of the font.

2. A lamp-burner attachment comprising a supporting member, one end of which is rigidly secured to the base of the burner and provided with a squared shoulder arranged to engage the neck of the font, the opposite
20 end thereof being provided with a curved arm having a terminal knob arranged to engage the inner wall of the font.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in
25 the presence of two witnesses.

HARRY J. PAWLING.

Witnesses:

WM. R. FOLLMER,

H. W. DIEFFENDERFER.