

(No Model.)

A. GOTTSCHALK.

COLLAR FOR LAMPS.

No. 382,605.

Patented May 8, 1888.

Fig. 1.

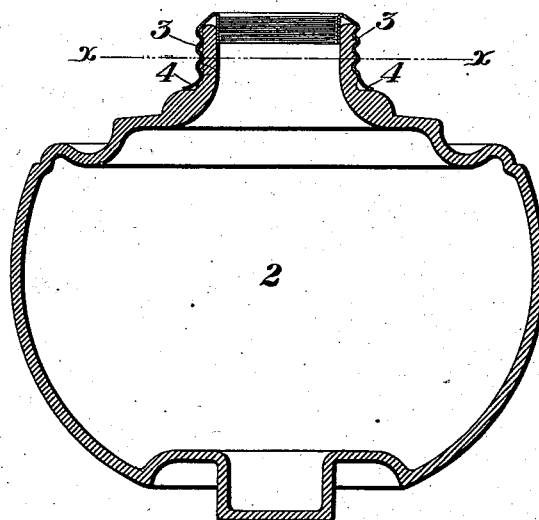


Fig. 2.

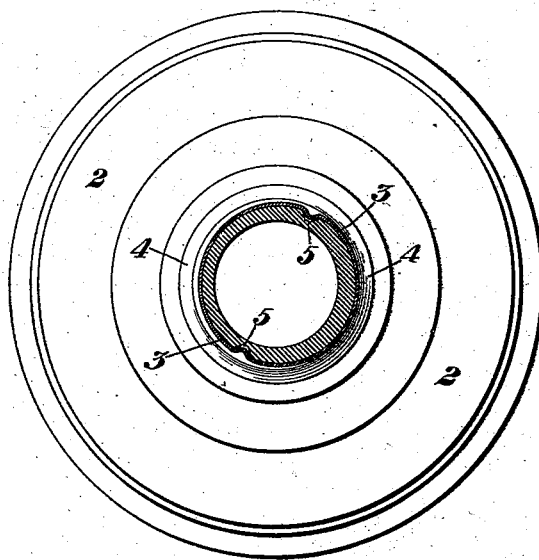


Fig. 3.



WITNESSES.

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# UNITED STATES PATENT OFFICE.

ANDREW GOTTSCHALK, OF MARTIN'S FERRY, OHIO.

## COLLAR FOR LAMPS.

SPECIFICATION forming part of Letters Patent No. 382,605, dated May 8, 1888.

Application filed June 9, 1887. Serial No. 240,744. (No model.)

*To all whom it may concern:*

Be it known that I, ANDREW GOTTSCHALK, of Martin's Ferry, in the county of Belmont and State of Ohio, have invented a new and useful Improvement in Collars for Lamps, &c.; and I do hereby declare the following to be a full, clear, and exact description thereof.

The object of my invention is to provide an improved collar for the necks of oil reservoirs or founts of lamps, the construction being such that the collar is held very securely in place without the use of the cement heretofore commonly employed, and that oil is prevented from leaking around the collar.

My invention is illustrated in the accompanying drawings, in which—

Figure 1 is a vertical sectional view of the lamp and collar when connected. Fig. 2 is a horizontal section on the line *xx* of Fig. 1. Fig. 3 is a side elevation of the collar detached.

My invention consists in a collar having an internal screw-thread, by which it is adapted to be screwed on the neck of the lamp, the collar being confined on the neck by having portions of its circumference forced into recesses on the outside of the neck.

In the drawings, 2 indicates the lamp-fount. The neck of the lamp is provided with an external screw-thread, and on this is screwed the collar 3, which is a short tubular screw-threaded piece of soft metal, having at its base an annular projecting flange or rim, 4. When screwed in place, the rim 4 is pressed against the body of the fount very tightly and makes an oil-tight joint. When thus fitted together, the

collar and lamp are locked by forcing or punching portions of the body of the collar into recesses 5, which are made on the outside surface of the neck.

The advantages of this collar are that it is cheaply applied, without the necessity for the use of cement, it is held firmly to the lamp, and is not in danger of being loosened or unscrewed when the burner is taken off. The fact that the collar is not locked by a compression of a portion of its body in the recess of the lamp-fount until after the collar has been secured in place enables a very tight joint to be made between the base of the collar and the fount, prevents loose motion of the collar, and affords security against leakage of oil.

I do not claim, broadly, a lamp having a screw-collar, nor a lamp having a screw-collar with an annular flange at its base, since these have been known before; but

What I claim is—

A lamp whose neck is threaded and provided with an indentation or recess, 5, in combination with a threaded collar of soft metal screwed on the neck and having a portion of its body forced into the recess after the collar has been screwed on the neck, whereby the collar is locked, substantially as and for the purposes described.

In testimony whereof I have hereunto set my hand this 4th day of June, A. D. 1887.

ANDREW GOTTSCHALK.

Witnesses:

R. F. ALLENDER,  
B. J. LONG.