L. J. ATWOOD.

LAMP-COLLARS.

No. 183,882. Patented Oct. 31, 1876.

Fig. 1.

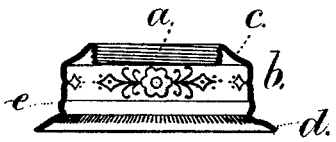
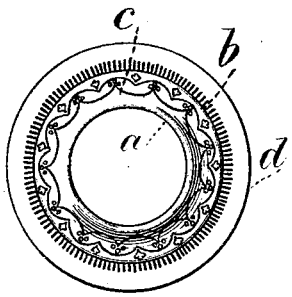


Fig. 2.



Witnesses

Chas. H. Smith

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Lewis J. Atwood.

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UNITED STATES PATENT OFFICE.

LEWIS J. ATWOOD, OF WATERBURY, CONNECTICUT, ASSIGNOR TO THE PLUME AND ATWOOD MANUFACTURING COMPANY, OF SAME PLACE.

IMPROVEMENT IN LAMP-COLLARS.

Specification forming part of Letters Patent No. **183,882**, dated October 31, 1876; application filed August 1, 1876.

To all whom it may concern:

Be it known that I, LEWIS J. ATWOOD, of Waterbury, in the county of New Haven and State of Connecticut, have invented an Improvement in Lamp-Collars, of which the following is a specification:

Lamp-collars have been made of thin sheet metal, with the screw for the burner pressed up in the metal, and with grooves in the cylindrical portion. These grooves are liable to become filled with greasy material in wiping the lamp, and they are also objectionable in appearance.

The object of my present invention is to strengthen the cylindrical portion of the collar, improve the appearance of the same, and prevent the accumulation of dust and grease at the junction of the collar and lamp-reservoir.

My invention is a new article of manufacture, consisting of a lamp-collar made of one piece of sheet metal, with the screw-thread pressed in the sheet metal, and a conical flange at the lower end of the collar. This flange serves to strengthen the collar, to assist in securing it to the lamp, and to prevent the accumulation of dust and oil at the junction of the reservoir and collar, because the conical flange partially fills the said angle, and allows the lamp to be wiped clean more easily than heretofore, and the cylindrical portion of the collar is roughened upon the inside by ornamental embossed figures pressed into the outside of the cylinder. The ribs heretofore embossed upon collars are concentric to the other parts of the collar, and do not prevent the collar revolving around the plaster if it becomes detached.

In the drawing, Figure 1 is a vertical section of the lamp-collar; and Fig. 2 is a plan of the same.

The collar is made of thin sheet metal, with the screw *a* rolled in the inner portion to receive the lamp-burner, and the cylindrical portion *b* of the collar and the said screw *a* are united by the conical upper portion *c* of the collar, which may be ornamented by embossed figures. The lower part of the collar is made with the flaring or conical flange *d*, which may also be ornamented by embossed figures, and there may also be one or more ribs around the cylindrical part *b* of the collar, as at *e*, and this cylindrical part *b* is also made with embossed figures, which improve the appearance, but especially produce a roughness at the inside of the collar that aids in causing the plaster to hold the collar to the lamp.

The conical flange rests at its edge upon the top of the lamp-reservoir, and the plaster that is introduced between the collar and the lamp-reservoir secures said collar firmly, and the flange *d* improves the appearance of the collar, strengthens it, and aids in securing the collar by the plaster, and fills up the angle between the reservoir and the cylindrical portion of the collar, so that the lamp can be more easily cleaned than heretofore.

I claim as my invention—

As a new article of manufacture, the lamp-collar made of one piece of thin sheet metal, with the rolled screw *a*, flange *d*, and cylinder *b*, that is roughened upon the inner surface by ornamental designs embossed in the metal, for the purposes and as set forth.

Signed by me this 25th day of July, 1876.

L. J. ATWOOD.

Witnesses:
GEO. T. PINCKNEY,
CHAS. H. SMITH.