

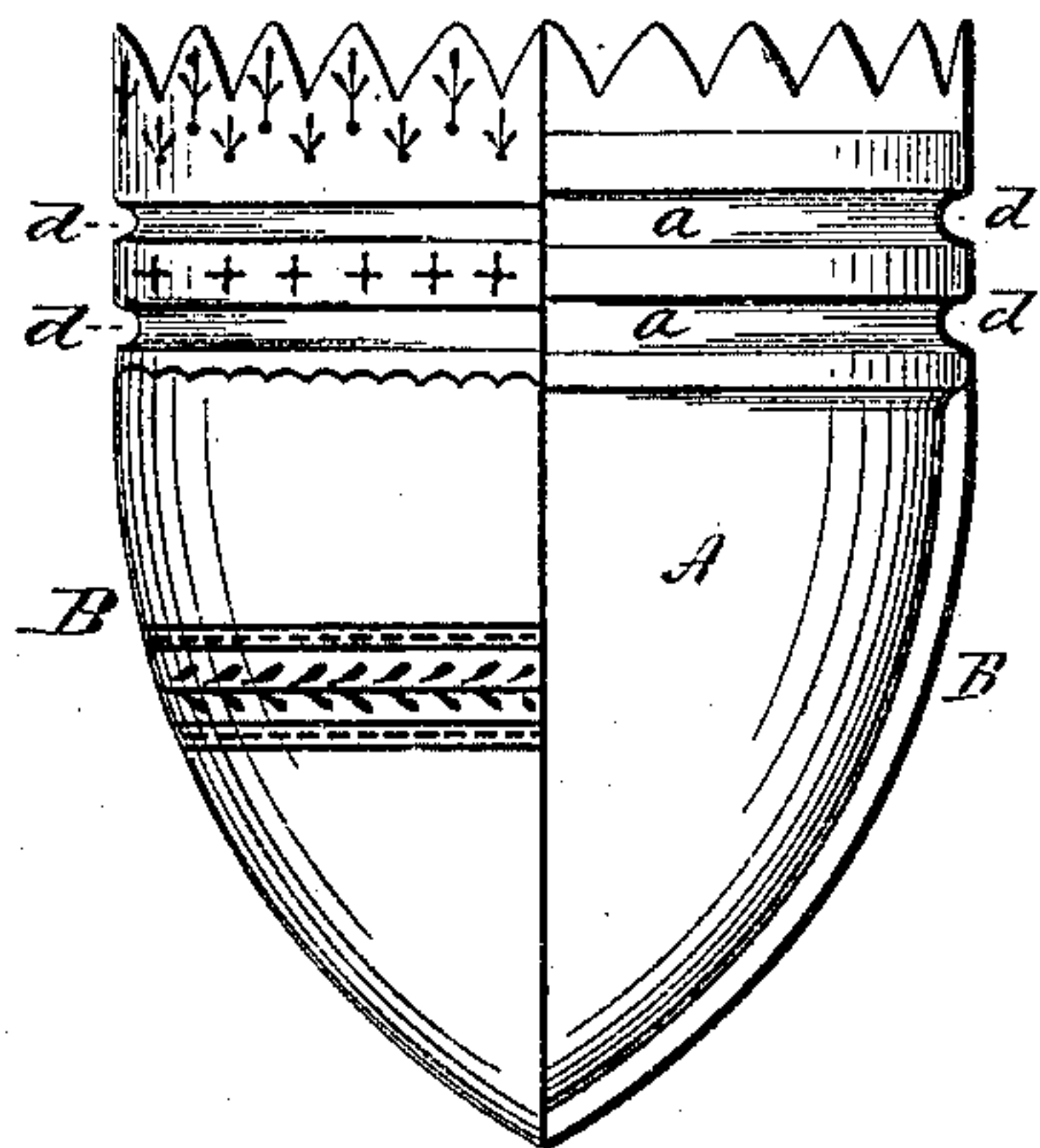
(No Model.)

E. L. BRYANT.

WEIGHT FOR EXTENSION LAMPS.

No. 256,968.

Patented Apr. 25, 1882.



Witnesses.

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By atty.

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# UNITED STATES PATENT OFFICE.

EDSON L. BRYANT, OF ANSONIA, CONNECTICUT, ASSIGNOR OF ONE-HALF  
TO WALLACE & SONS, OF SAME PLACE.

## WEIGHT FOR EXTENSION-LAMPS.

SPECIFICATION forming part of Letters Patent No. 256,968, dated April 25, 1882.

Application filed March 6, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, EDSON L. BRYANT, of Ansonia, in the county of New Haven and State of Connecticut, have invented a new Improvement in Weights for Extension-Lamps; and I do hereby declare the following, when taken in connection with accompanying drawing and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawing constitutes part of this specification, and represents a sectional side view.

This invention relates to an improvement in weights such as used in extension lamp fixtures to counterbalance the lamp and fixture, so that it may be held at any point between the extremes of its elevation or descent. Usually these weights have been made of cast metal ornamented in the mold. This ornamentation is unavoidably rough and coarse in its character and detracts materially from the artistic appearance of the fixture. Plain sheet metal has been used filled by pouring lead or like heavy metal upon its inside; but in such weights the surface is necessarily plain.

The object of my invention is to construct a weight which may be highly ornamental and yet finely finished; and it consists in a cast-metal weight having an annular groove or grooves in its surface, with an ornamented sheet-metal covering secured to the body by spinning it into the groove or grooves in the surface of the body, as more fully hereinafter described.

A represents the weight, which may be of common cast-iron, and of any suitable shape

to give the required amount of metal. In its surface I form in casting one or more annular grooves, *a*, and then, by suitable dies or otherwise, form a covering from sheet metal, the surface of which may be ornamented in the process of stamping to any desired degree. This covering is then placed over the body and the two parts placed in the spinning-lathe and the metal spun down into the grooves, as at *d*, which firmly secures the covering to the body. The body may be considerably smaller than the covering, as shown, so that the surface below the grooves does not come in contact with the surface of the body; hence it does not interfere with the ornamentation which has been stamped in the covering. The stamped sheet metal presents smooth and sharply-defined figures, so that the weight may be made a highly ornamental part of the fixture, costing little or nothing more than it does to make the surface plain and avoids the unsightly ornamental weight most commonly used.

The weight thus covered costs little, if any, more than the cast-iron weight, which requires to be coated or decorated in some manner.

I claim—

The herein-described weight for lamp-fixtures, consisting of the cast-metal body A, constructed with annular groove or grooves *a*, combined with the sheet-metal covering B, spun into the annular groove or grooves, substantially as described.

EDSON L. BRYANT.

Witnesses:

F. L. GAYLORD,  
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