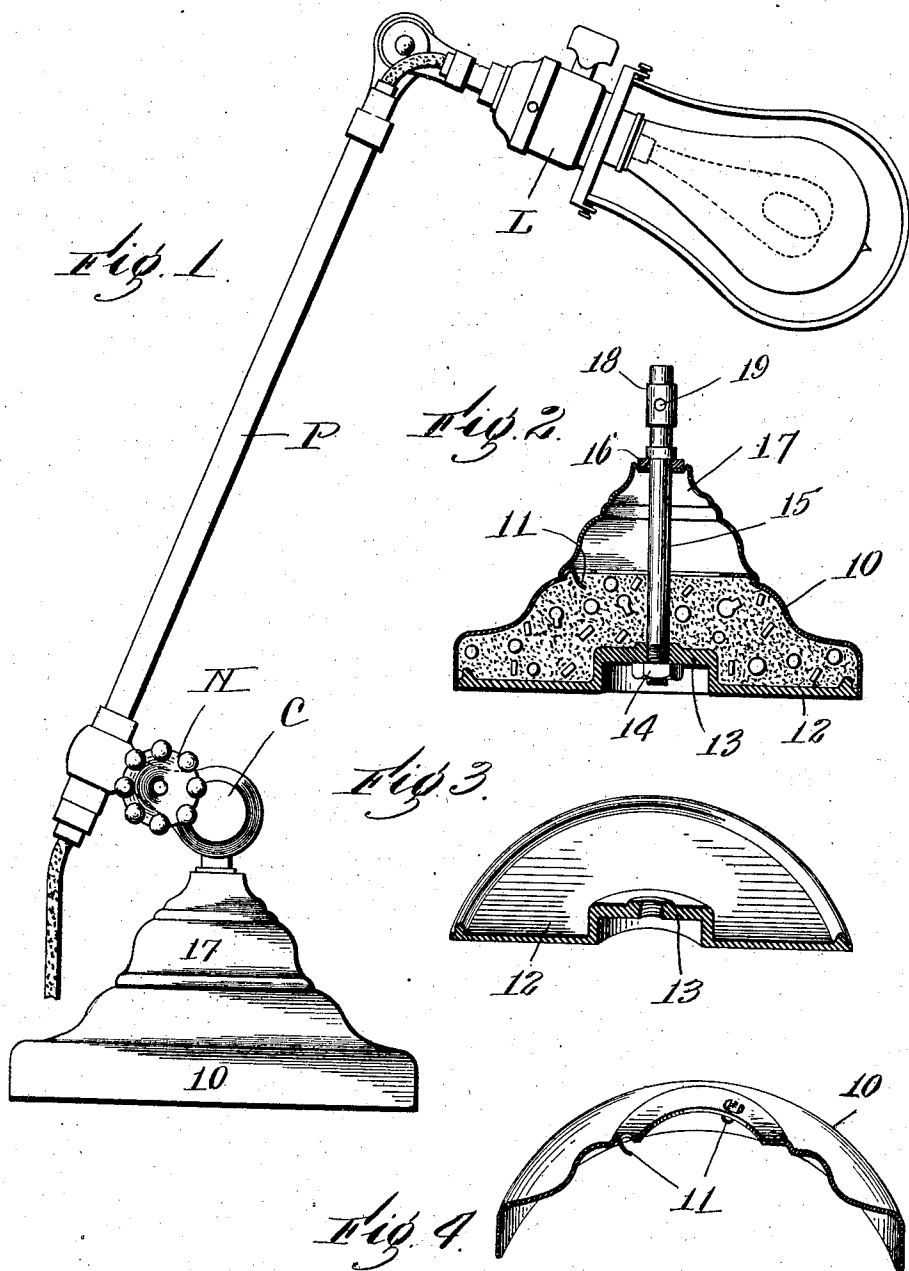


No. 827,199.

PATENTED JULY 31, 1906.

O. C. WHITE.
SUPPORT FOR ELECTRIC LIGHTS.
APPLICATION FILED APR. 14, 1905.



Witnesses:

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UNITED STATES PATENT OFFICE.

OTIS C. WHITE, OF WORCESTER, MASSACHUSETTS.

SUPPORT FOR ELECTRIC LIGHTS.

No. 827,199.

Specification of Letters Patent.

Patented July 31, 1906.

Application filed April 14, 1905. Serial No: 255,531.

To all whom it may concern:

Be it known that I, OTIS C. WHITE, a citizen of the United States, residing at Worcester, in the county of Worcester and State of Massachusetts, have invented a new and useful Support for Electric Lights, of which the following is a specification.

This invention relates to that class of adjustable supports which are used for incandescent electric lamps or for similar purposes.

The especial object of this invention is to provide a base for a support which is of strong, simple, and inexpensive construction and which will be weighted so that it cannot be readily upset.

To this end this invention consists of a base for a support and of the combinations of parts therewith, as hereinafter described, and more particularly pointed out in the claims at the end of this specification.

In the accompanying drawings, Figure 1 is a side view of an adjustable support having a base constructed according to this invention. Fig. 2 is a vertical sectional view of a base constructed according to this invention. Fig. 3 is a fragmentary view of the bottom disk, and Fig. 4 is a fragmentary view of the main sheet-metal shell.

In the use of that class of table-lights or electric-lamp supports to which this invention particularly relates it is desirable that the base should be heavy enough so that it will not be readily upset.

In this class of articles it has heretofore been the practice to weight the base of the fixture with metal castings or solid pieces of metal.

The especial object of my present invention is to provide for weighting the base of a support or other fixture by means of a filling of heavy plastic material. In practice a filling which I have found well adapted to the purpose comprises small iron scraps or punchings which are held in place in a matrix of Portland cement.

Referring to the accompanying drawings and in detail, a construction embodying this invention as herein illustrated comprises a main sheet-metal shell 10, having bent-in tongues or fingers 11. The sheet-metal shell 10 fits onto a bottom disk 12, having a central recess 13. Molded in place between the shell 10 and the bottom disk 11 is a filling consisting of fine iron punchings or scraps embodied in a cement matrix. The iron scraps can be purchased comparatively cheaply and

are preferably sifted or graded, so that the small individual pieces or metal are more or less uniform in size. When this filling of plastic material is molded in place between the shell 10 and the bottom disk 12, it will be fastened and secured by the bent-in tongues 11:

In the construction shown space is provided in the matrix during the process of filling, through which is afterward passed the pin 15. This pin 15 preferably threads into the bottom disk 12 and is then locked securely in place by the check-nut 14. This pin in the construction shown serves as a bolt to bind firmly together the several parts of the base and also as a means of attachment for the object to be supported. The pin 15 is provided with a washer 16 at its upper end for holding an additional sheet-metal shell 17. At its top the center pin 15 is preferably provided with an enlargement 18 for receiving the bottom clamp of the fixture, and in practice the center pin is provided with a transverse hole or socket 19 for receiving a wire or nail to aid in screwing the pin into and out of place.

The adjustable support, as herein illustrated and described, comprises the clamp-pieces C, which are fastened in place by hand-wheel N, which also fastens a rod or pipe section P. The rod or pipe section P is connected at its upper end by a knuckle-joint to a lamp-socket L.

The movable parts of the adjustable support which I have herein shown and described are the same as those which are shown and claimed in United States Letters Patent No. 779,453, granted to me January 10, 1905, and need not be herein described at length.

I am aware that changes may be made in the constructing of my base-piece by those who are skilled in the art without departing from the scope of my invention as expressed in the claims and that my base-piece may be used in connection with wide varieties of fixtures. I do not wish, therefore, to be limited to the construction herein shown and described; but

What I do claim, and desire to secure by Letters Patent of the United States, is—

1. As an article of manufacture, a base for a supporting-fixture comprising a sheet-metal shell with a filling of plastic material molded therein and held in place by inwardly-bent tongues or fingers embedded in said filling.

2. As an article of manufacture, a base for

a supporting-fixture comprising a bottom disk, a sheet-metal shell fitted thereon, and a filling of metal pieces in a matrix of Portland cement, said filling being held in place by inwardly-bent tongues embedded in said filling.

5 3. As an article of manufacture, an adjustable support comprising a bottom disk, a sheet-metal shell fitted thereon, a filling of metal pieces in a cement matrix, a center pin, 10 a second sheet-metal shell fastened by the center pin and clamping-fixtures mounted on the center pin.

4. As an article of manufacture, a base for a supporting-fixture comprising a sheet-metal 15 shell having integral inwardly and angularly bent tongues, a plate at the bottom of said shell, and a filling in the lower part of said shell above said plate of plastic material containing heavy pieces distributed through

the plastic material and surrounding said 20 tongues.

5. As an article of manufacture, a base for a supporting-fixture comprising a shell having inwardly-bent tongues, a plate at the bottom of said shell, a filling in the lower part of 25 said shell of plastic material surrounding said tongues, and an additional shell fitting the top of said shell, and removable means passing through said filling and plate for holding said additional shell on the first-named shell. 30

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

OTIS C. WHITE

Witnesses:

PHILIP W. SOUTHGATE,
E. M. ALLEN.