No. 855,830. PATENTED JUNE 4, 1907.

T. C. J. ANDERSEN.

ADJUSTABLE FIXTURE SUPPORT.

APPLICATION FILED DEC. 22, 1906.

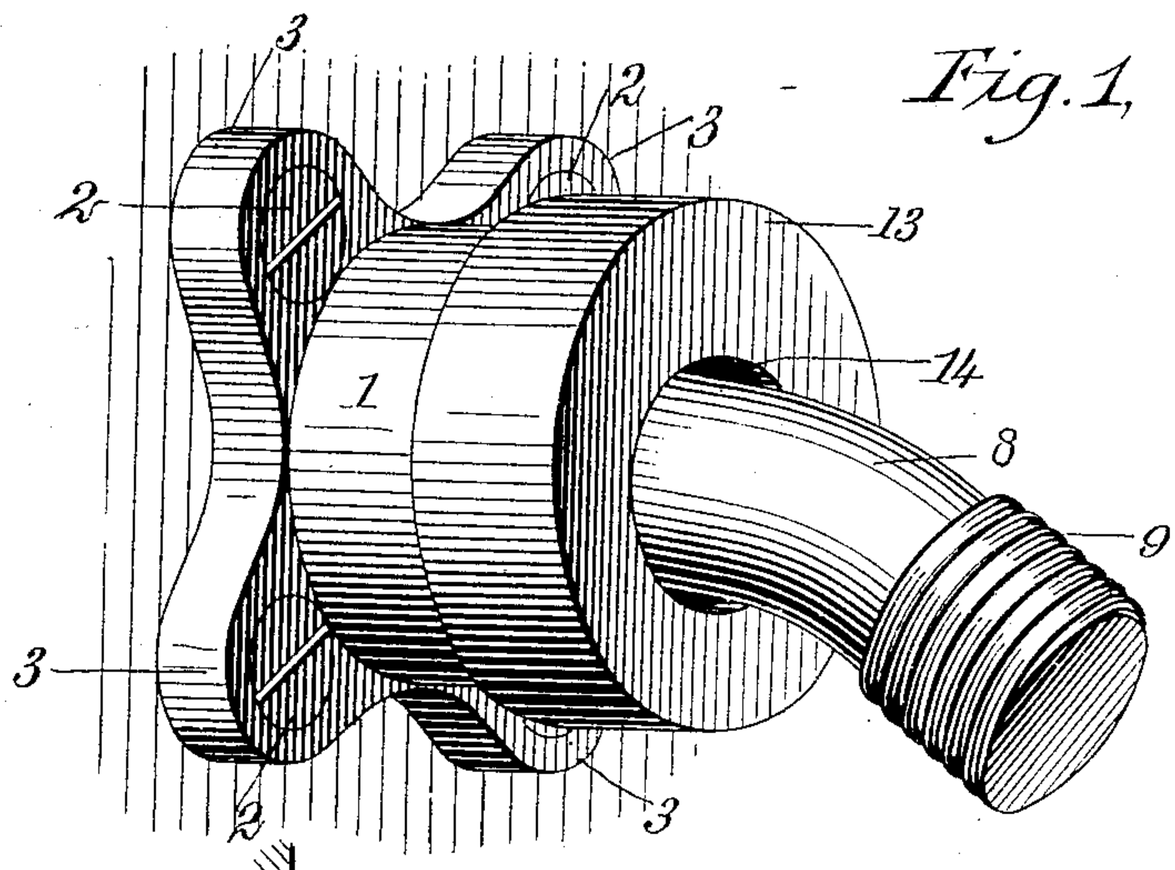

Fig. 1,

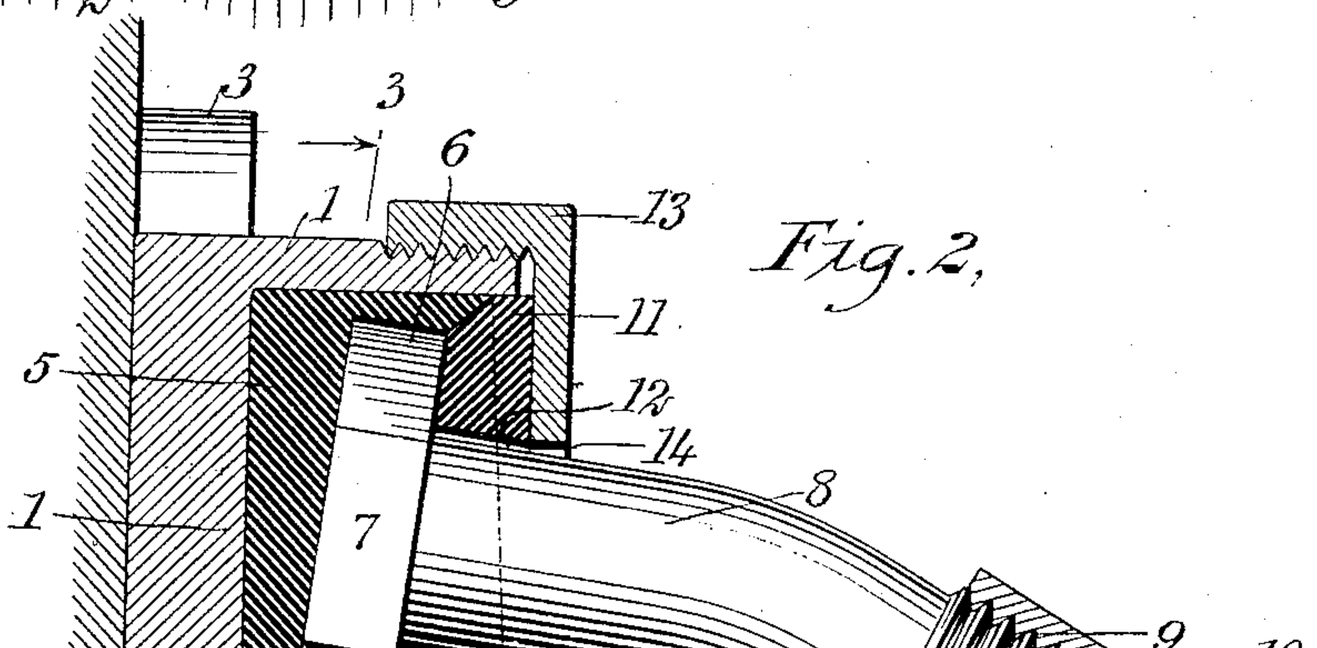

Fig. 2,

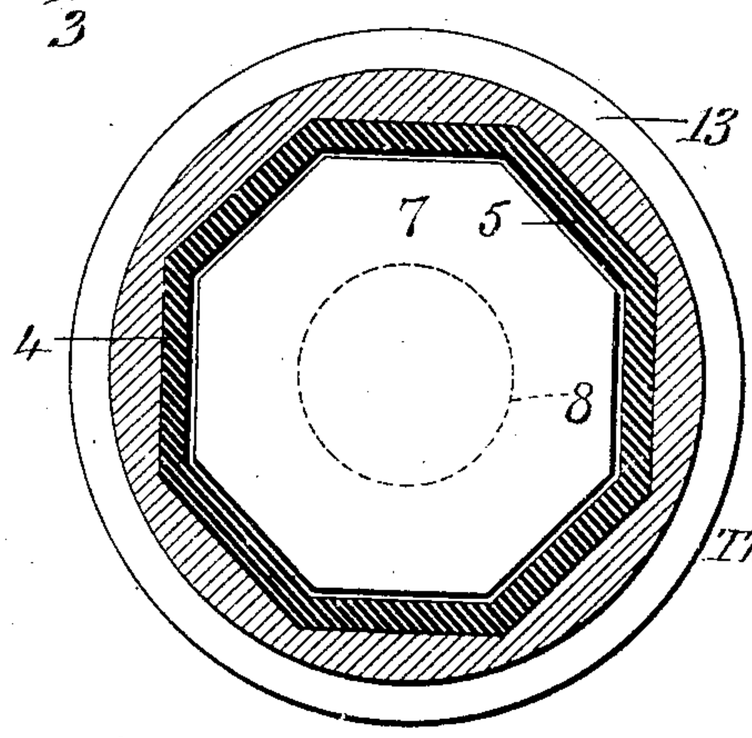

Fig. 3.

WITNESSES

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THEODORE C. J. ANDERSEN, OF NEW YORK, N. Y., ASSIGNOR TO THE MACALLEN COMPANY, OF BOSTON, MASSACHUSETTS.

ADJUSTABLE FIXTURE-SUPPORT.

No. 855,830. Specification of Letters Patent. Patented June 4, 1907.

Application filed December 22, 1906. Serial No. 349,075.

To all whom it may concern:

Be it known that I, THEODORE CARL J. ANDERSEN, a citizen of the United States, and a resident of the city of New York, borough of the Bronx, in the county and State of New York, have invented a new and Improved Adjustable Fixture-Support, of which the following is a full, clear, and exact description.

This invention relates to fixtures such as used for supporting electric lights from a wall or ceiling.

The object of the invention is to produce an insulated support of simple construction, which may be readily adjusted so as to hold a fixture in a plurality of different positions.

The invention consists in the construction and combination of parts to be more fully described hereinafter and particularly set forth in the claims.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective showing the fixture at its point of attachment to a wall; Fig. 2 is a vertical section taken through the fixture; and Fig. 3 is a cross section taken on the line 3—3 of Fig. 2.

Referring more particularly to the parts, 1 represents a socket which is adapted to be attached to a wall by means of suitable screws 2 or similar fastening devices, passing through lugs 3 which project beyond the base of the socket, as indicated. The outer side of the socket is formed into a chamber 4, which is of polygonal form and preferably octagonal as indicated. Within this chamber 4 there is received a skew socket 5, made of fiber or other non-conducting material, which is of octagonal form so as to fit the interior of the chamber 4. In the outer side of this skew socket 5 a chamber 6 is formed, upon an axis which is inclined with respect to the axis of the main socket 1, and this chamber 6 is also of octagonal form. In the skew socket there is received the octagonal head 7 of a shank 8 which consists of a bolt, the outer extremity whereof is bent to one side, as indicated, the tip of the shank being provided with screw threads 9, which facilitate the attachment of a tubular arm or fixture 10, in the manner shown. This tubular arm 10 is intended to carry electric lamps electrically insulted from the fixtures support, or other devices, depending upon the purpose for which the fixture is used.

The shank 8 is held in position by means of a keeper 11, which keeper is simply an insulating washer cut on a skew as shown, and which fits in the outer side of the skew socket 5, the inner face of the said washer bearing against the outer face of the head 7 and holding the same in position. The skew washer or keeper 11 is provided with an opening 12 through which the shank 8 extends, as indicated. The keeper is held in position by a nut 13 which screws upon the outer portion of the socket 1, and this nut is provided with an opening 14 through which the shank 8 extends.

As illustrated in Figs. 1 and 2, the arm of the fixture is disposed in a vertical plane. If it be desired to adjust the arm toward either side, the nut 13 will be unscrewed, and the skew socket 5 will be withdrawn from the chamber 4 and replaced after rotating the shank 8 in either direction, depending upon the direction in which the arm 10 is to be projected. If it is desired to reverse the position of the arm from that indicated in Fig. 2, so that the arm will project upwardly instead of downwardly, it will be necessary to unscrew the nut 13 and reverse the position of the skew socket 5, by rotating it through 180°. Evidently, with this arrangement, the arm would project upwardly instead of downwardly. There are, of course, eight different positions in which the skew socket may be applied to the main socket, each of which gives a different position for the arm 10. If further adjustment is desired, slightly different effects may be produced by applying the head 7 in the chamber 6 in different positions; thus, if it were desired to have the arm 10 project upwardly but not at such an inclination as to project downwardly, as illustrated in Fig. 2, the shank 8 will be withdrawn and the head 7 will be applied in the chamber 6 in a reversed position. In this way the bend of the shank 8 counteracts adjustment, which is due to the inclination of the skew socket, so that the arm 10 projects upwardly at a reduced angle of inclination. By this simple construction, it will be readily seen that a number of adjustments may be

made so as to suit the support to special requirements.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. In a device of the class described, in combination, a main socket adapted to be attached to a support, a skew insulating socket mounted therein and adapted to be applied thereto in a plurality of positions, and a shank mounted in said skew socket.

2. In a device of the class described, in combination, a main socket adapted to be attached to a support, an insulating skew socket mounted therein and having a plurality of adjusted positions, a bent shank having a head received in said skew socket, and means for retaining said head in said skew socket.

3. In a device of the class described, in combination, a main socket adapted to be attached to a support and having a chamber in the outer side thereof, of polygonal form, a molding skew socket fitting said chamber and adapted to be applied therein in a plurality of adjusted angular positions, a shank having a head received in said socket, and means for retaining said shank in position.

4. In a device of the class described, in combination, a main socket adapted to be attached to a support and having a polygonal chamber in the outer side thereof, an insulating skew socket received in said main socket, fitting the same and adapted to be applied thereto in a plurality of adjusted angular positions, said skew socket having a polygonal chamber therein, a shank having a polygonal head received in said skew socket, the said shank being bent a keeper received in said skew socket and retaining said head therein, and a nut retaining said keeper.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

THEODORE C. J. ANDERSEN.

Witnesses:
S. D. LAPPINE,
J. A. HARRINGTON.