

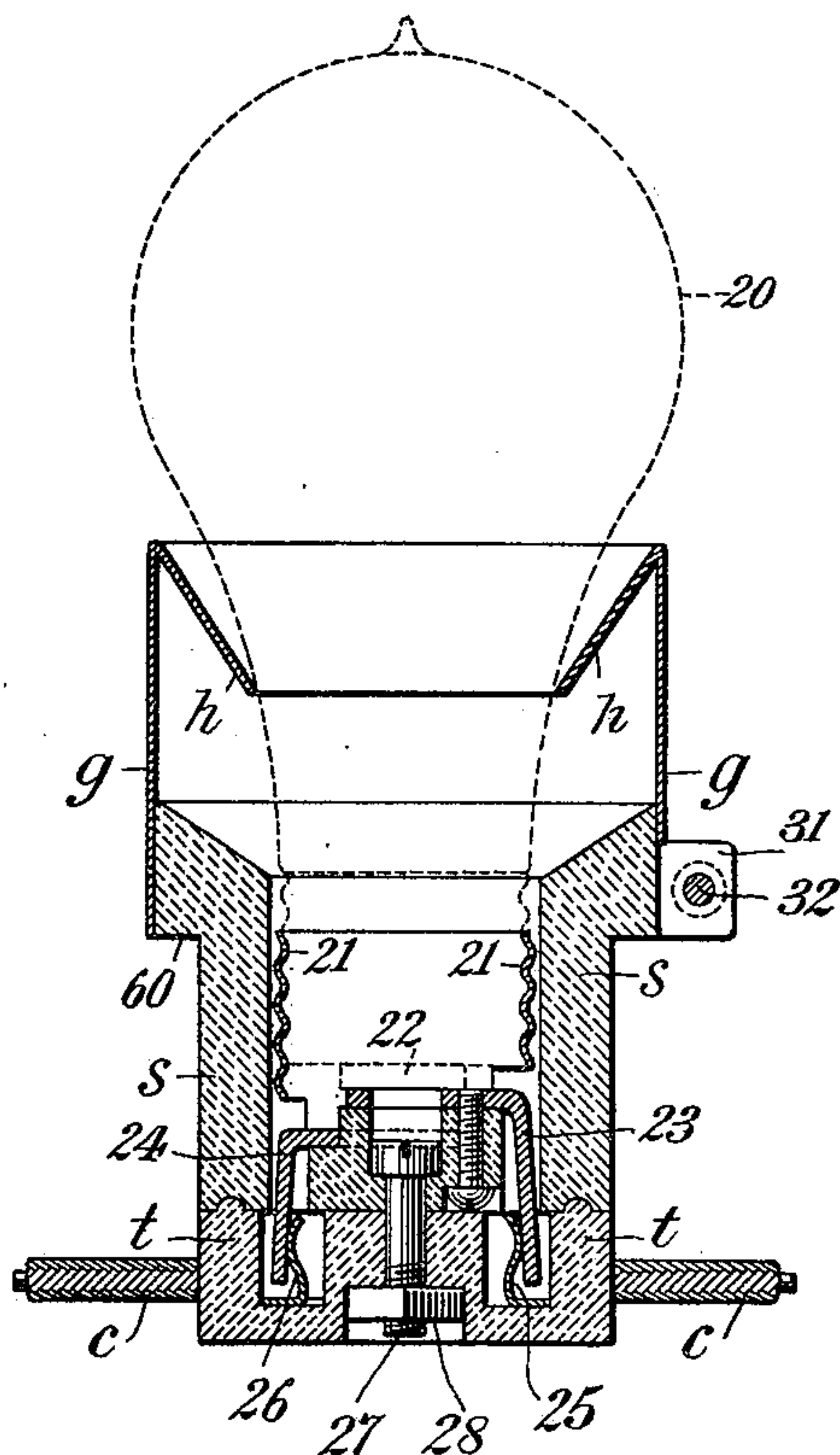
No. 675,398.

Patented June 4, 1901.

E. J. McALLISTER, A. D. PAGE & L. C. WERNER.
ADJUSTABLE PROTECTING DEVICE FOR ELECTRIC LAMPS.

(Application filed Feb. 28, 1901.)

(No Model.)



WITNESSES:

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UNITED STATES PATENT OFFICE.

EDWIN J. McALLISTER, ALMON D. PAGE, AND LOUIS C. WERNER, OF
NEWARK, NEW JERSEY, ASSIGNORS TO WILLIAM FARLEY BREW-
STER, OF NEW YORK, N. Y.

ADJUSTABLE PROTECTING DEVICE FOR ELECTRIC LAMPS.

SPECIFICATION forming part of Letters Patent No. 675,398, dated June 4, 1901.

Application filed February 28, 1901. Serial No. 49,214. (No model.)

To all whom it may concern:

Be it known that we, EDWIN J. McALLISTER, ALMON D. PAGE, and LOUIS C. WERNER, citizens of the United States, and residents of Newark, in the county of Essex, State of New Jersey, have invented certain new and useful Improvements in Adjustable Protecting Devices for Electric Lamps, of which the following is a specification.

Our invention is an improvement in electric lamps employed for signs, letters, figures, and designs, such as that shown and described in the Letters Patent issued to W. F. Brewster December 11, 1900, No. 663,532.

The object of our invention is to provide a cheap and effective adjustable device to protect exposed lamps and their connections from rain, snow, and dampness.

We provide a rain or weather guard for each lamp, consisting of a cylinder of sheet metal, like brass, (but any suitable material may be used.) One end of this cylinder encircles and is adjustably supported upon the lamp socket or receptacle. There is a clamping device to fix and hold the cylinder in position on the socket. The other end of the cylinder is turned inward and stands at an acute angle, its edge being resilient. This edge is circular and is capable of engaging with the cylindrical tapering surface of the lamp-globe, while the line of contact with said globe may be caused to vary by sliding the cylinder up or down upon the socket or receptacle, thus providing for adjustment to lamps having globes of different diameters.

The accompanying drawing illustrates our invention. It is a vertical central section of the lamp-socket, receptacle, and weather-guard.

s represent the lamp-socket and receptacle, and 20 is an incandescent lamp having two terminal contacts 21 22. In the socket *s* there are contacts 23 and 24, engaging with the contacts 25 and 26 in the part *t*. There is a central perforation in the parts *s* *t*, through which passes the bolt 27, clamped by the nut 28. Thus the two parts *s* and *t* are mechanically

united. A number or series of receptacles *t* are connected in multiple arc with flexible conductors *c*, and the sockets and receptacles *s* and *t* are mechanically united by links, as described in said patent to Brewster, No. 663,532. The weather-guard *g* is to prevent rain and snow from driving in along the surface of the globe of the lamp 20. The cylinder *g* is made of any suitable material. I prefer to use sheet-brass. The cylinder is of a diameter to encircle the socket *s* at the shoulder 60, and there is a clamping device having ears like 31, with a bolt 32, so that we may slide the cylinder up and down on the socket *s* and clamp it in any position with the screw 32. There is an inturned flange or collar *h*, fixed to or forming part of the cylinder at its opposite end. The internal edge of this collar *h* is slightly resilient and presents a circular outline, so that it may be caused to closely engage the surface of any lamp globe or globes differing in diameter within reasonable limits.

What we claim, and desire to secure by Letters Patent, is—

1. A socket or receptacle for an electric lamp and a lamp, combined with a cylindrical section of sheet metal having its upper edge bent inward to engage the surface of the lamp-globe and means for clamping the cylinder in position.

2. In combination a lamp, a socket or receptacle therefor, a weather-guard consisting of a sheet-metal cylinder having its upper edge folded to engage the lamp-globe and means for fixing said cylinder in position.

3. The combination of an incandescent lamp, a suitable support therefor, a weather-guard consisting of a cylindrical section of sheet metal having its free edge turned inward to engage the lamp-globe and means for adjustably fixing said guard in position.

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