Jan. 10, 1928.

1,655,404

A. J. BASSETT

OUTLET BOX COVER

Filed Feb. 7, 1921

Fig. 1.

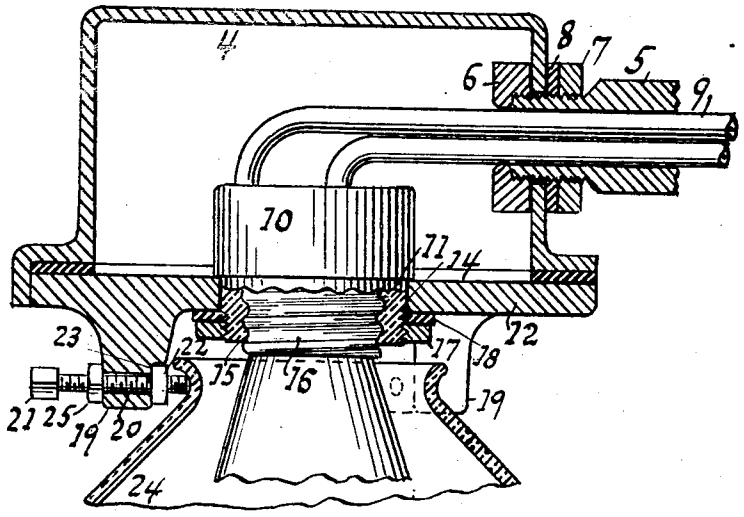
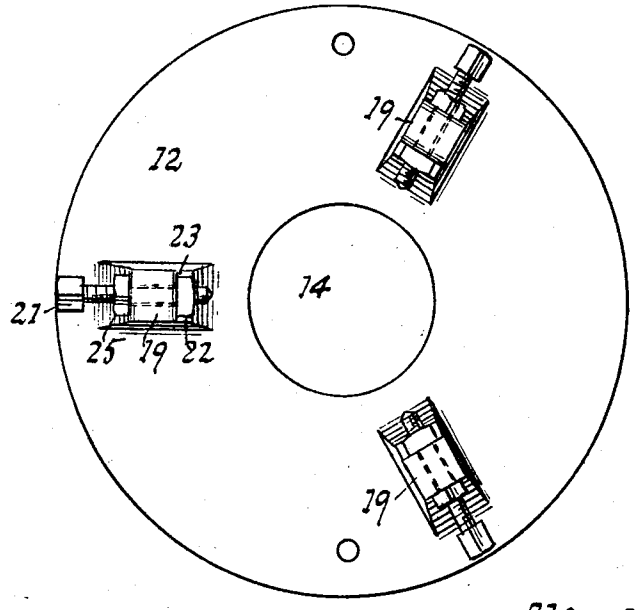


Fig. 2.



INVENTOR.

Alfred J. Bassett

BY

Hauff & Haarland

ATTORNEYS

Patented Jan. 10, 1928. 1,655,404

UNITED STATES PATENT OFFICE.

ALFRED J. BASSETT, OF BROOKLYN, NEW YORK.

OUTLET-BOX COVER.

Application filed February 7, 1921. Serial No. 442,943.

This invention relates to a cover which is suitable for attachment to an outlet box and it is provided with devices for mounting a shade, and a receptacle whereby an electric incandescent lamp is secured to the cover.

The object of the invention is to provide a one piece weather proof shade and receptacle carrying box cover for electrical conduit wiring with spaced shade securing devices to permit the circulation of air about the socket of the lamp.

Another object of the invention is to provide the cover with a series of lugs having smooth bores or holes for loosely mounting the shade holding screw bolts, and a seat adjacent to each bore for coaction with the threads of the bolt. The invention is designed to produce a casting pattern or stamping without threads which is practically made waterproof at minimum of cost.

The invention resides more particularly in the novel combinations hereinafter described and claimed, reference being made to the accompanying drawing in which:

Fig. 1 represents a vertical section of an outlet box embodying this invention.

Fig. 2 is an inverted plan view of the cover.

In the drawing the numeral 4 designates an outlet box having an opening for the insertion of a pipe 5 held in place by a bushing 6 secured by a lock nut 7 forced against a gasket 8 disposed between the nut and outer surface of the box. Conduit feed wires 9 for transmitting the current pass through the bushing to binding posts in a porcelain contact receptacle 10 having a stem 11 as is well known.

A cover 12 is shown secured to the box and it is provided with a central opening 14 for the insertion of the stem forming the lower portion of the receptacle. The stem also has a threaded socket 15 for engagement with a correspondingly threaded contact base 16 of an electric lamp. A nut 17 coacting with a lower exteriorly threaded end of the stem holds the receptacle securely to the cover and a packing ring 18 placed between the nut and cover prevents moisture from entering between the joints.

From the lower portion of the cover project a series of lugs 19 each having a hole or bore 20 extending horizontally through the lug. A bolt 21 has its threaded stem loosely mounted in the hole and a rectangular nut 22 arranged in a recessed seat formed by a shoulder 23 prevents rotation of the nut which forms the thread for engagement with the bolt. The nut when seated in the recess cannot turn on its axis, therefore when the screw bolt is turned one way or the other, the nut held in its seat will remain stationary. The inner end of the screw bolt engages the upper rim of a shade 24 and a lock nut 25 opposite the nut 22 abutting against the lug prevents turning of the bolt caused by vibration or otherwise.

The above method of attaching the shade to the cover eliminates threading of the holes in the lug and provides a positive lock nut on the bolt made to engage the shade. By having the lugs spaced from each other, as shown, it insures a constant air circulation about the lamp socket to prevent overheating with consequent deterioration short circuiting or leaking current. As shown in the drawing each lug is tapered to enable economy in casting as by this means the pattern is completely stamped into a lower mold and requires no upper mold beyond a flat surface.

I claim:

1. An outlet box comprising a cover having an opening, a receptacle inserted in the opening for connecting a lamp, means coacting with the outer side of the cover for fastening the receptacle, a series of lugs projecting from the cover, a bore in each of the lugs with a recessed portion, a screw bolt extending loosely through the bore for engagement with a shade, and a nut seated in the recess for coaction with the threaded stem of the bolt.

2. An outlet box comprising a cover having an opening, a receptacle inserted in the opening for connecting a lamp, a nut engaging the receptacle on the outer side of the cover for fastening the receptacle, a series of lugs projecting from the cover, a bore in each of the lugs with a recessed portion, a screw bolt extending through the bore for engagement with a shade, a nut seated in the recess for engagement with the bolt, and a lock nut opposite the recess made to abut against the lug for coaction with the screw stem.

In testimony whereof I have hereunto set my hand.

ALFRED J. BASSETT.