No. 838,811. PATENTED DEC. 18, 1906.

B. E. SALISBURY.

ELECTRICAL RECEPTACLE.

APPLICATION FILED JULY 20, 1904.

Fig. I.

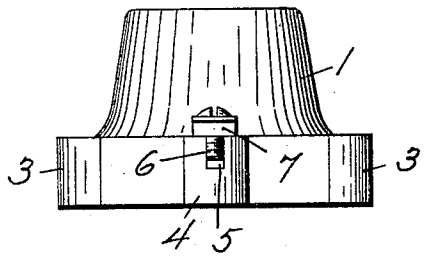


Fig. II.

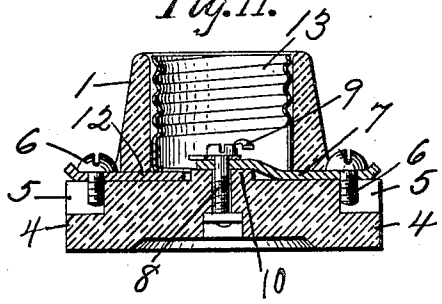


Fig. III.

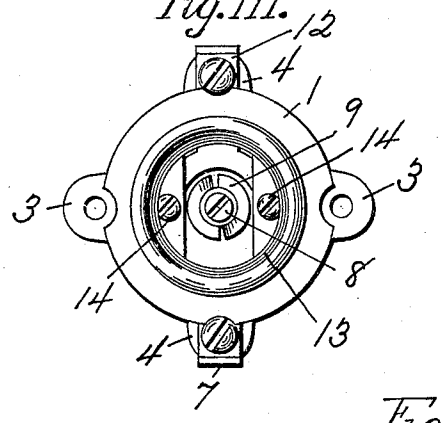


Fig. IV.

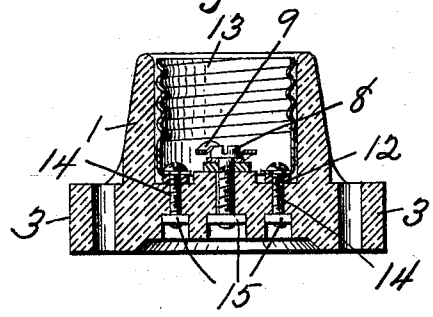


Fig. V.

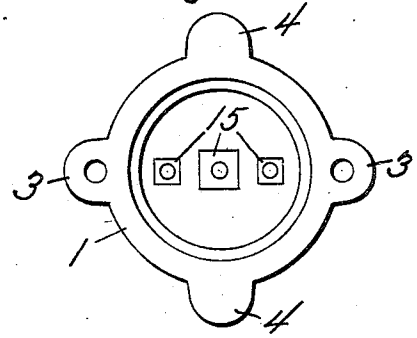
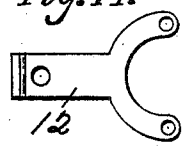


Fig. VI.



WITNESSES:

C. B. Schroneck

M. B. Smith

INVENTOR

Bert E. Salisbury

BY

Alfred W. Atkinson

ATTORNEY

THE NORRIS PETERS CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

BERT E. SALISBURY, OF SYRACUSE, NEW YORK, ASSIGNOR TO PASS & SEYMOUR, INCORPORATED, OF SOLVAY, NEW YORK.

ELECTRICAL RECEPTACLE.

No. 838,811. Specification of Letters Patent. Patented Dec. 18, 1906.

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To all whom it may concern:

Be it known that I, BERT E. SALISBURY, a citizen of the United States, residing at Syracuse, in the county of Onondaga and State of New York, have invented certain new and useful Improvements in Electrical Receptacles; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to receptacles for incandescent electric lamps; and its object is to produce a strong, simple, and economical device in which the metallic parts are firmly supported on the porcelain and arranged so as to be conveniently assembled and replaced when necessary.

My invention will be understood by reference to the drawings herewith, in which the reference-numerals of the specification indicate the same parts in all the figures.

Figure I is a side elevation of my receptacle. Fig. II is a vertical section at right angles to the preceding. Figs. III and V are, respectively, top plan and bottom plan. Fig. IV is a vertical section at right angles to Fig. II. Fig. VI shows one of the wire terminals detached.

The body 1 of the receptacle, made of porcelain or other suitable insulating material, is formed with a substantially circular base, from which the body tapers in a slight curve to the mouth. On the base are two pairs of integral lugs, lugs 3 3 being perforated for the securing-screws and lugs 4 4 adapted to support the metallic wire terminals. The latter are slotted at 5 5 to receive the tips of the binding-screws 6 6. One terminal 7 is secured in position by the central screw 8, which also secures the split washer 9, having slightly resilient arms to form the central lamp-terminal. This central terminal may be slightly elevated above the bottom of the recess by boss 10 in the porcelain to give sufficient separation from the parts in the opposite pole. The opposite terminal 12 is preferably branched, as here shown, its curved arms extending around the sides of the recess. This terminal is secured in position, and on it is attached, by any suitable means, as screws 14 14, the threaded shell 13, forming the outer lamp-terminal. This arrangement of metallic parts is simple and easy to assemble and has the advantage that in case of injury to the threaded shell it may easily be removed and another substituted and secured on the branched terminal. All the securing-screws may be conveniently fitted to angular nuts 15, arranged in correspondingly-formed depressions on the base of the receptacle.

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

1. In a receptacle for incandescent electric lamps, a porcelain body having a substantially circular solid base and tapering to the mouth, one pair of integral opposite lugs perforated for the securing-screws, a second pair of integral opposite lugs slotted on their ends and upper surfaces to support the metallic terminals, and in combination therewith one terminal resting on one lug and inwardly extending through a slot in the porcelain to form the central lamp-contact said inner end resting on an integral boss in the body, a second terminal inwardly extending through a slot in the porcelain and having branching ends arranged on the sides of the central contact, the metallic threaded shell forming the outer terminal set on said branching ends, screws to secure the threaded shell on the branching ends and said parts in position, a single screw to secure the central contact and connected terminal in position, and wire screws in the ends of the terminals having their tips arranged in the slots in the lug ends.

2. In a receptacle for incandescent lamps, the combination with a body of insulating material having a circular recess to receive the contacts, of two external wire terminals, the first having a portion inwardly extending into said recess to form the central contact, and the second having a portion inwardly extending adjacent to the sides of the recess, a threaded shell forming the outer contact arranged on the inwardly-extending portion of said second terminal and secured directly thereto by screws, said screws being inserted and operated from the mouth of the recess, whereby the shell may be removed without disturbing any other part.

3. In a receptacle for incandescent lamps, the combination with a body of insulating material having a circular recess to receive the contacts, of two wire terminals carrying

binding-screws on their outer ends, the first terminal having a portion inwardly extending and supported on an elevated portion of the insulation within the recess to form the central contact, the second terminal having inwardly-extending, curved arms, arranged adjacent to the sides of the recess, and a shell forming the outer contact arranged on said curved ends and attached directly thereto by a screw on each side, whereby said screws may be withdrawn and the shell removed without disturbing the other parts.

4. In a receptacle for making connection with electrical devices, a porcelain body having a substantially circular solid base, a recess in the opposite end, one pair of integral opposite lugs perforated for the securing-screws, a second pair of integral opposite lugs to support the metallic terminals, and in combination therewith one terminal resting on one lug and inwardly extending through a slot in the porcelain to form the central lamp-contact said inner end resting on an integral boss in the body, a second terminal inwardly extending through a slot in the porcelain and having branching ends arranged on the sides of the central contact, the metallic threaded shell forming the outer terminal set on said branching ends, screws to secure the threaded shell on the branching ends and said parts in position, a single screw to secure the central contact and connected terminal in position, and angular nuts arranged in depressions in the lower face of the circular base, to engage with the respective screws.

In testimony whereof I affix my signature in presence of two witnesses.

BERT E. SALISBURY.

Witnesses:
L. JOHN BERGMAN,
J. W. BROOKS.