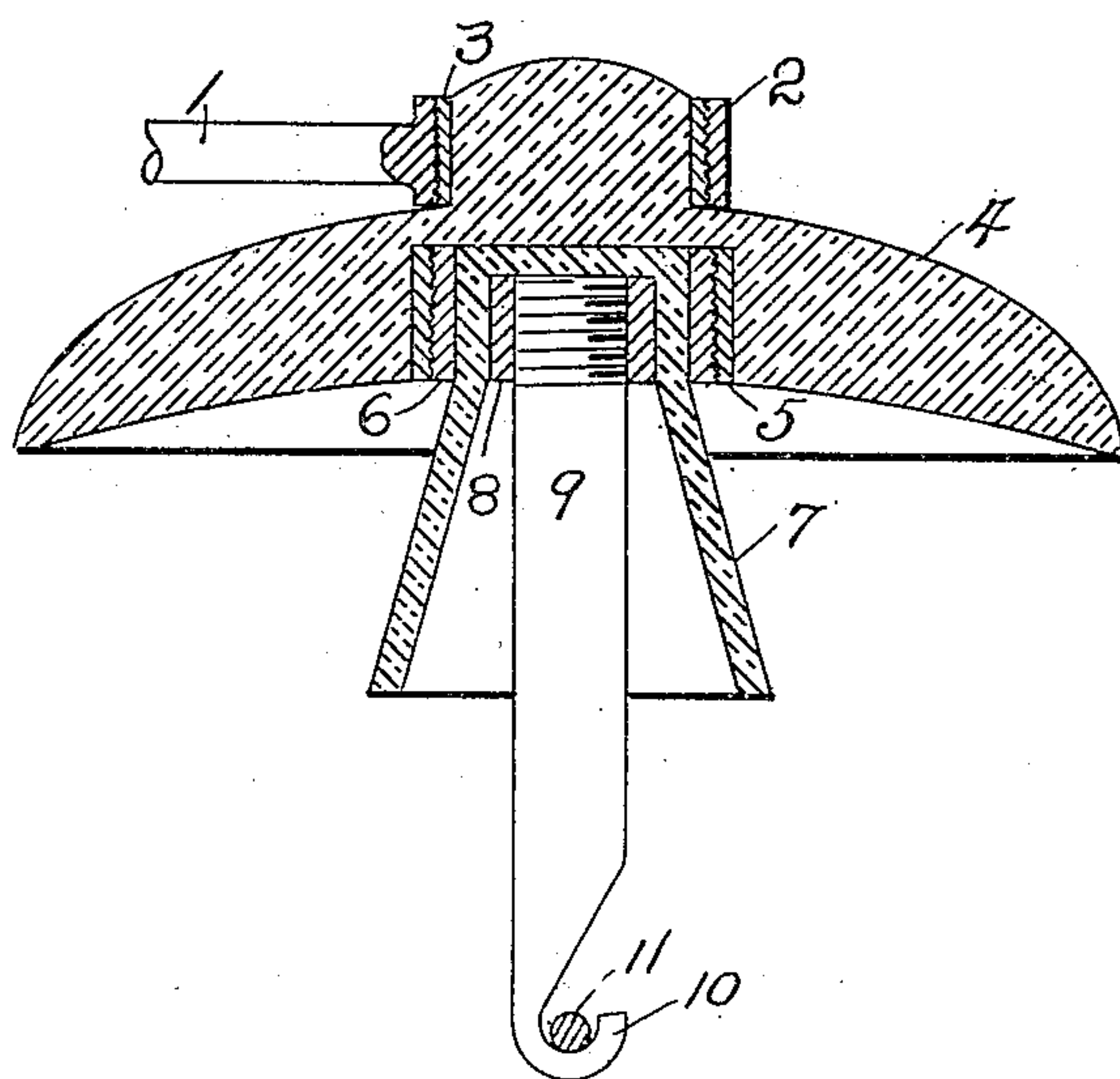


J. S. ALLEN.
ELECTRICAL CONDUCTOR SUPPORT.
APPLICATION FILED MAR. 22, 1906.

904,592.

Patented Nov. 24, 1908.



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JOHN SCOTT ALLEN, OF LOS ANGELES, CALIFORNIA.

ELECTRICAL CONDUCTOR-SUPPORT.

No. 904,592.

Specification of Letters Patent.

Patented Nov. 24, 1908.

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To all whom it may concern:

Be it known that I, JOHN SCOTT ALLEN, a citizen of the United States of America, residing at Los Angeles, in the county of Los Angeles, State of California, have invented a certain new and useful Insulating-Support for Electrical Conductors; 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.

This invention relates to insulating supports for electrical conductors and has among other objects to provide such a support compactly constructed, which shall be strong and efficient in service, the parts of which may be readily separated from each other to permit replacement in any part and to facilitate handling or shipment, and which may be quickly assembled at the place where the support is to be used.

A further object of the invention is to provide cheap, convenient and substantial means for uniting the various parts comprising the support.

With these and other objects in view the support consists of the structure described in this specification and illustrated in the accompanying sheet of drawings, which shows a vertical section through the support.

Reference numeral 1 designates the end of an arm which may be supported in any suitable manner and have a threaded eye 2, into which may be screwed a metallic bushing 3, to which may be affixed by cementing or otherwise, an insulating member or bell 4.

The under side of bell 4 has a recess, wherein is affixed a threaded metallic bushing 5, into which is secured a threaded metallic bushing 6, attached to the upper end of a second insulating member 7, to the inside of which is attached a threaded metallic bushing 8, into which is secured a wire support 9, the lower end of which carries a hook 10, or other suitable means for supporting a wire or electrical conductor 11.

Should either insulating member 4 be broken, the insulating support can be readily taken apart and a new piece be substituted for the broken one.

It will be noted that with the construction shown and above described the insulating member 7 when fitted in the recess on the underside of bell 4, has the top thereof coin-

cident with the upper wall of the recess, whereby compactness and strength are attained.

I claim:

1. In an insulating support; a member 4 composed of non-conducting material, a metallic bushing 3 affixed to the top thereof, means whereby a support 1 may be attached to said metallic bushing 3, a metallic bushing 5 affixed to the under side of said member 4, means whereby a metallic bushing 6 may be attached to metallic bushing 5, a second insulating member 7 affixed to metallic bushing 6, a metallic bushing 8 affixed to insulating member 7, and a wire support 9 attached to bushing 8.

2. The combination with a member composed of non-conducting material, of a metallic part arranged in a recess at the underside of said member, a second member composed of non-conducting material, said second member having its upper surface coincident with the upper wall of said recess in the first member, a second metallic part at the upper portion of said second member, said metallic parts constructed and arranged to hold said members detachably together, a metallic support, and metallic means secured to one of said members and coacting with said support to secure such member detachably thereto.

3. The combination with a member composed of non-conducting material, of a metallic part arranged in a recess at the underside of said member, a second member composed of non-conducting material, said second member having its upper surface coincident with the upper wall of said recess in the first member, a second metallic part at the upper portion of said second member, said metallic parts constructed and arranged to hold said members detachably together, a metallic support, metallic means secured to the upper portion of said first member and coacting with said support to secure the member detachably thereto, a wire support, and means detachably securing said wire support to said second member by a metallic joint.

4. The combination with a member composed of non-conducting material, of a metallic part arranged in a recess at the underside of said member, a second member composed of non-conducting material, a second

metallic part at the upper portion of said second member, said metallic parts constructed and arranged to hold said members detachably together, a metallic support, and
5 metallic means secured to one of said members and coacting with said support to secure such member detachably thereto.

5. The combination with a member composed of non-conducting material, of a metallic support, and metallic means affixed to
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said member and coacting with said support to secure said member detachably thereto.

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

JOHN SCOTT ALLEN.

Witnesses:

GEORGE P. ALLEN,
DAVID E. MYERS.