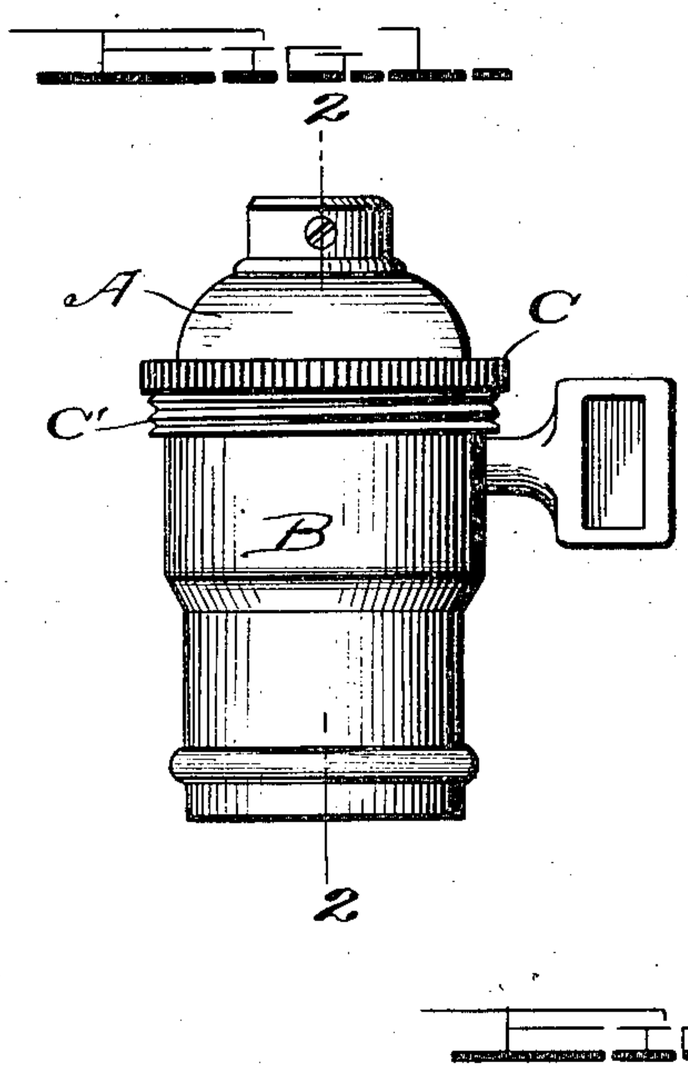
L. W. ANDERSEN.

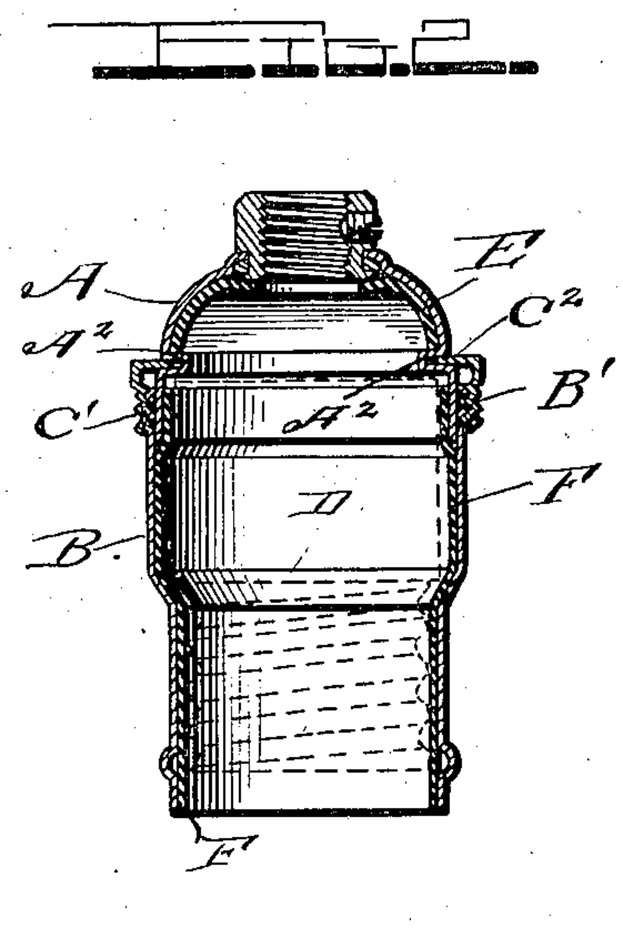
SOCKET SHELL.

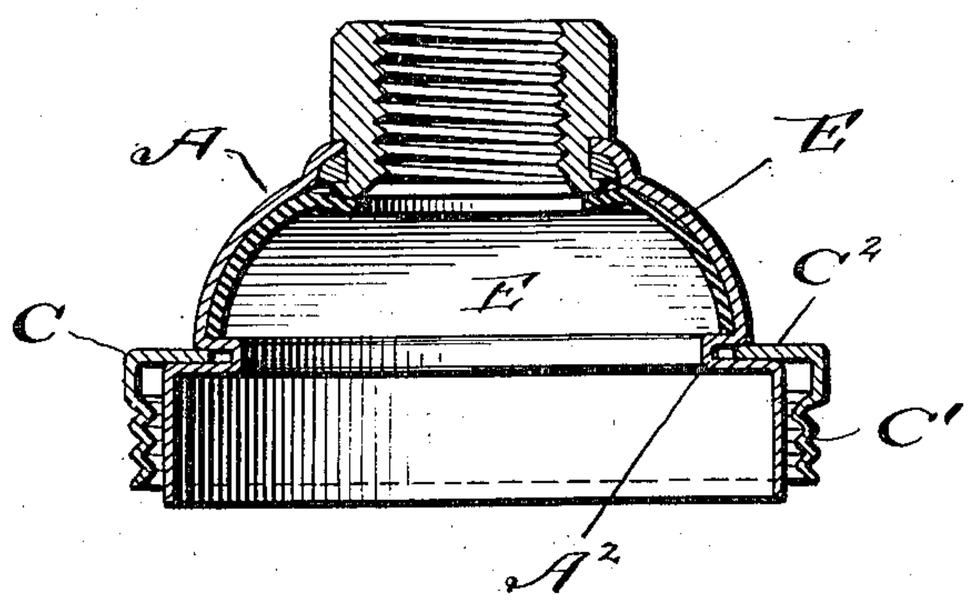
APPLICATION FILED FEB. 24, 1915.

1,167,037.

Patented Jan. 4, 1916.







Witnesses

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UNITED STATES PATENT OFFICE.

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SOCKET-SHELL.

1,167,037. Specification of Letters Patent. Patented Jan. 4, 1916.

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To all whom it may concern:

Be it known that I, LAURITZ W. ANDERSEN, a citizen of the United States, residing at Waterbury, in the county of New Haven and State of Connecticut, have invented a new and useful Socket-Shell, of which the following is a specification.

This invention is a novel construction of shell for the socket of an incandescent electric lamp, and the object of the invention is to provide a simple and efficient means for connecting the parts of the shell together, and at the same time provide for maintaining the insulation in its proper position within the shell.

With these objects in view my invention consists in the novel features of construction hereinafter fully described and pointed out in the claim.

In the drawings forming a part of this specification, Figure 1, is an elevation of a socket shell constructed in accordance with my invention. Fig. 2 is a vertical sectional view of the same and, Fig. 3 is an enlarged sectional view of the cap with the insulation arranged therein.

In the practical embodiment of my invention I employ a cap portion A, a body portion B, and a ring portion C, these parts constituting when connected a shell for the incandescent lamp socket D, shown in dotted lines in Fig. 2.

The cap A has an interior lining of fiber insulation E held in place in a manner hereinafter explained and the body portion B also has an insulation lining F, which extends from the top to the bottom of the same.

While I have shown my invention as applied to a side key socket it is obvious that it can be employed equally as well in connection with a keyless socket, or one of the pull-chain type.

The lower end of the cap A fits into the upper end of the body B, and in order to unite these parts the depending flanged portion C′, of the ring is threaded and adapted to engage the threads B′, produced upon the upper end of the body B. The upper portion C^2, of the ring engages the shouldered portion of the cap, and the inner edge of this portion C^2, engages an annular groove which is produced in the cap by making said cap with an annular interior seat or reëntrant portion A^2, which serves as a seat for holding the fiber insulation E in place. This portion A^2, of the cap A therefore serves the double function of maintaining the fiber insulation in its proper position in the interior of the shell, and providing the positioning means for the clamping ring upon the exterior of shell.

It will be understood that the cap is lined with its insulation and the body provided with its lining, and then the cap and body portions are connected together by screwing the ring upon the upper end of the body portion drawing the two parts together and providing the complete socket shell.

What I claim is:

A socket shell comprising a cap having an annular reëntrant portion adapted to provide a seat for fiber insulation, a body portion into which the lower end of the cap fits and a clamping ring adapted to connect the cap and body portions together.

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Witnesses:
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