No. 851,705. PATENTED APR. 30, 1907.

H. STOTZ.

INSULATOR.

APPLICATION FILED DEC. 10, 1906

Fig.1

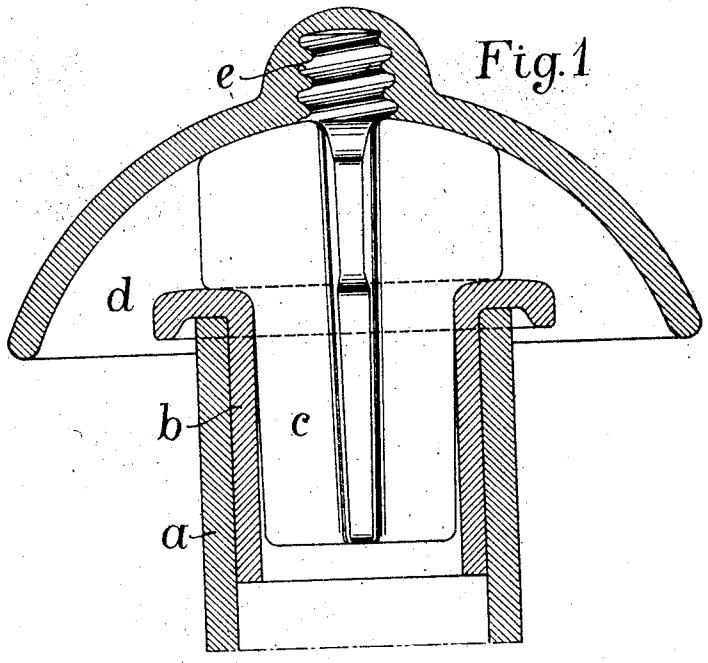
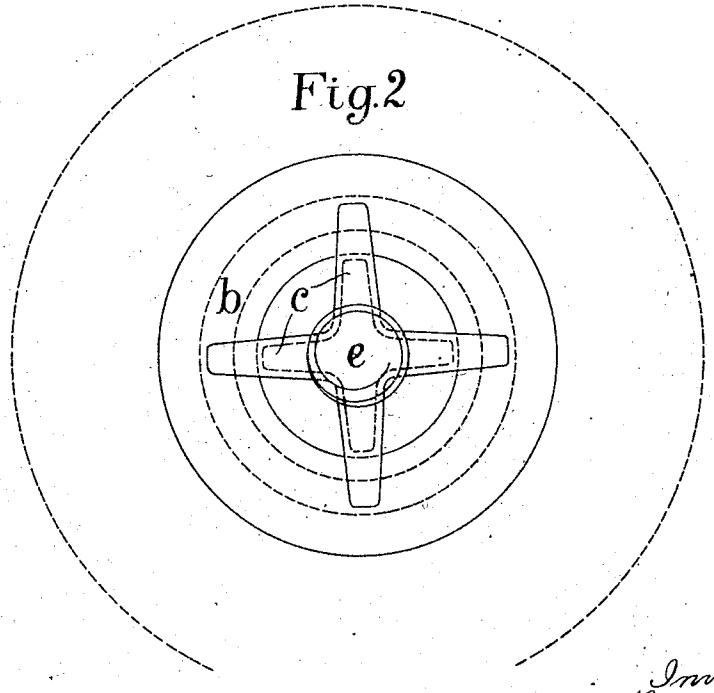


Fig.2



Witnesses
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UNITED STATES PATENT OFFICE.

HUGO STOTZ, OF MANNHEIM, GERMANY.

INSULATOR.

No. 851,705. Specification of Letters Patent. Patented April 30, 1907.

Application filed December 10, 1906. Serial No. 347,077.

To all whom it may concern:

Be it known that I, HUGO STOTZ, a citizen of German Empire, residing at Mannheim, Germany, have invented new and useful Improvements in Insulators, of which the following is a specification.

My invention relates to improvements in insulators on tubular supports for introducing electric wires into buildings and the object of my invention is to provide a device of the kind referred to where the disadvantages heretofore connected with such insulators are avoided and which, moreover, prevents the several introduced wires from getting in touch with each other.

In describing my said invention I refer to the drawing herewith in which

Figure 1 is a vertical, longitudinal section through an insulator as herein described and Fig. 2 a plan view of the socket and star hereinbelow referred to.

The drawing shows an insulator head mounted on top of a tubular support *a* and composed of three separate parts made of porcelain, viz., a socket *b* fitting into the said top, a longitudinal shouldered piece *c* of star-shaped section with a central pin provided on top with a male screw *e* and, mounted thereon, a drip bell or cap *d* with a central female threaded recess corresponding with the said male screw. The said socket and star may, however, be made of one piece and while the star shown on the drawing has four rays there may be less or more rays as convenient for the particular case.

I insert the socket *b* in the top of the tubular support *a* and pass the wires all at one time through the former whereupon I put the star *c* between the wires and into the said socket, thus separating the wires so that each is in one of the canals formed by the star. After suitably bending the wires I put the bell *d* on top and screw it down on the threaded end *e* of the aforesaid pin, the office of the said bell being to protect the device against rain, snow or the like.

I claim:

1. As an insulator on a tubular support for introducing electric wires into buildings the combination of a socket fitting into the said tubular support, a shouldered piece of star-shaped section fitting into the said socket, and a drip-bell mounted on the said star, the socket, star and bell being made of porcelain, substantially as described.

2. As an insulator on a tubular support for introducing electric wires into a building the combination of a porcelain socket fitting into the said tubular support, a piece of star-shaped section of the same material, a central pin therein with a male screw on top, and a drip-bell with a central female threaded recess adapted to receive the said male screw, substantially as described.

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

HUGO STOTZ.

Witnesses:
H. W. HARRIS,
JOS. H. LEUTE.