(No Model.)

H. E. CHUBBUCK.

INSULATOR BRACKET.

No. 436,120. Patented Sept. 9, 1890.

Fig. 1

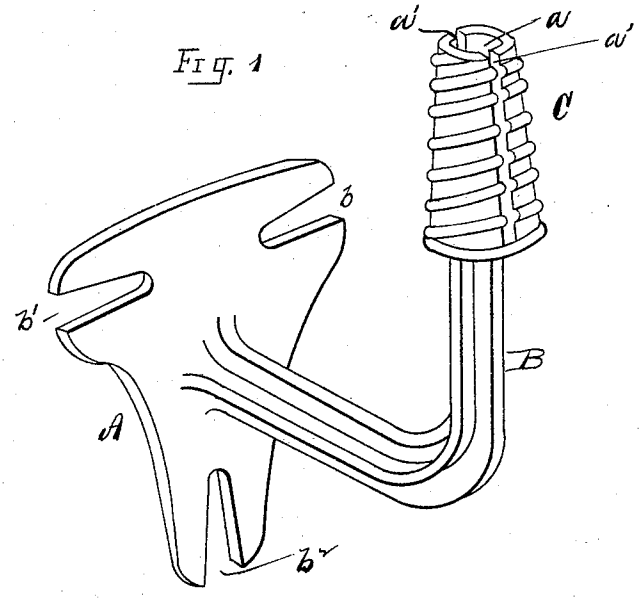
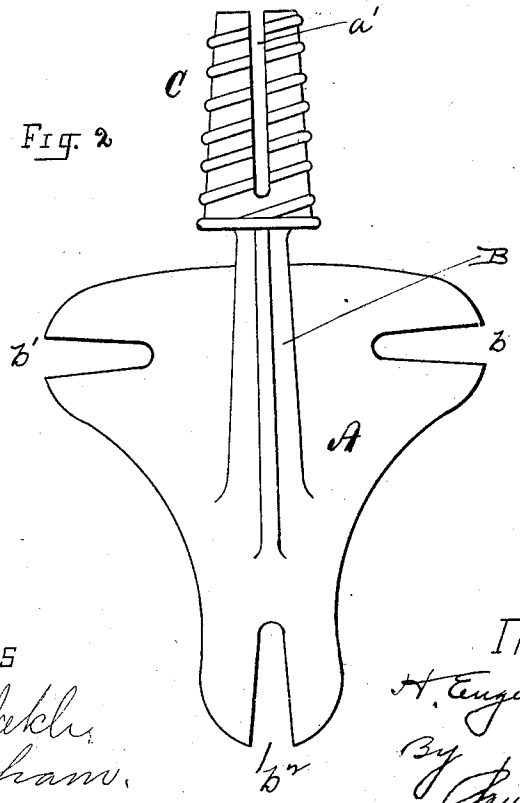


Fig. 2



WITNESSES

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H. EUGENE CHUBBUCK, OF SPRINGFIELD, OHIO.

INSULATOR-BRACKET.

SPECIFICATION forming part of Letters Patent No. 436,120, dated September 9, 1890.

Application filed November 4, 1889. Serial No. 329,248. (No model.)

To all whom it may concern:

Be it known that I, H. EUGENE CHUBBUCK, a citizen of the United States, residing at Springfield, in the county of Clark and State of Ohio, have invented certain new and useful Improvements in Brackets for Insulators, of which the following is a specification.

My invention relates to improvements in brackets for insulators.

The object of my invention is to provide a bracket of simple construction, capable of use with insulators of glass or other fragile substance, and adapted to be readily secured to walls of brick or to any other suitable place of attachment.

In the accompanying drawings, Figure 1 is a perspective view of a bracket embodying my invention. Fig. 2 is a front elevation of the same.

In the said drawings, A represents the base of the bracket, which is preferably formed of a single piece of metal having the projecting arm B, curved outwardly and upwardly, as shown, and provided at the top with a screw-threaded portion C, on which the insulator is adapted to be secured.

Glass insulators as usually constructed are adapted to be screwed on wooden brackets. The insulators are provided with an internal screw-threaded opening, which screws onto the wooden stem of the bracket. These screw-threaded openings in the insulators vary in size, owing to the different shrinkages in the cooling of the glass and to imperfections in forming. For this reason many of the insulators cannot be used upon the brackets usually provided. To obviate this difficulty, I form my improved bracket of metal having a certain amount of resilience, and provide the screw-threaded portion C with a chamber *a* and small slotted openings *a' a'*, extending through the walls of the seat or screw-threaded portion C into the chamber *a*. By this construction the seat portion C is adapted to yield as the insulator is screwed thereon, and thus readily adjust itself to the inequalities in the formation of the openings in the insulators, and thus permit an insulator with any usual variation to screw onto the brackets and to fit firmly thereon without any danger of breaking the fragile material of which the insulator is composed.

Brackets of this character are required in many cases to be attached to the surface of brick walls.

To provide for readily securing the brackets of this character, I provide three slotted openings *b b' b²* in the base A, said openings being located in said base in the form of a triangle. These slotted openings receive the fastening bolts or screws, and by their peculiar construction and location the fastening-bolts are permitted to pass into the spaces between the bricks of a brick wall, and at the same time secure the proper adjustment of the bracket with reference to said fastening-bolts.

It will be seen that a bracket as thus described can be modified to suit insulators of any desired size or form, the screw-threaded arm being adapted to adjust itself to compensate for any natural variation in the size of the screw-threaded openings of said insulators by reason of the resilient material and the slotted openings therein. The peculiar construction of the base with the slotted openings arranged in a triangular position, as described, permits the bracket to be secured in a suitable position to a brick wall or other desirable points, the slotted openings and the arrangement thereof permitting the fastening-screws to be varied with reference to the base, so that the said screws will pass between the bricks of a wall or to bring them in any other suitable or desirable position.

Having thus described my invention, I claim—

1. An insulator-bracket, substantially as described, having a screw-threaded projecting arm formed of resilient material and provided with slotted openings extending through the walls of said screw-threaded portion, substantially as described.

2. An insulator-bracket, substantially as described, having a base constructed with three slotted openings arranged in a triangular position, as and for the purpose specified.

3. An insulator-bracket formed in a single

piece with a base having three slotted openings, as described, a screw-threaded projecting arm of resilient material formed with a chamber and slotted openings extending through the walls of said screw-threaded portion into said chamber, substantially as specified.

In testimony whereof I have hereunto set my hand this 29th day of October, A. D. 1889.

H. EUGENE CHUBBUCK.

Witnesses:
CHAS. I. WELCH,
CHASE STEWART.