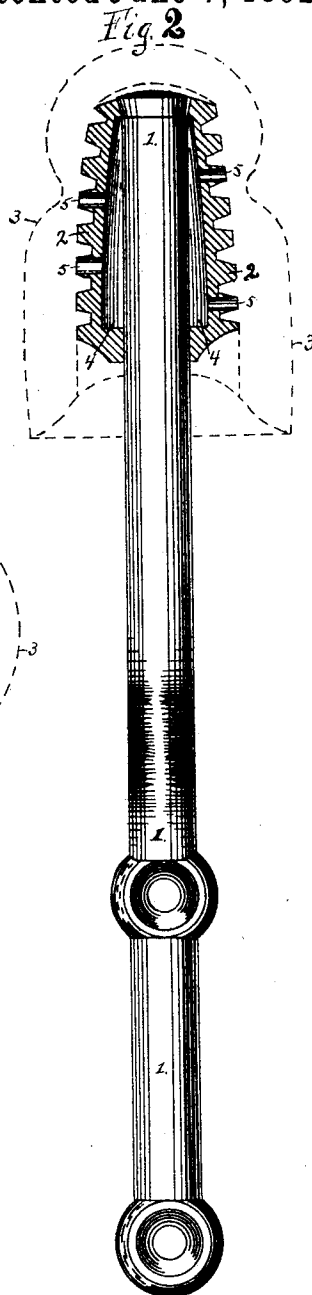
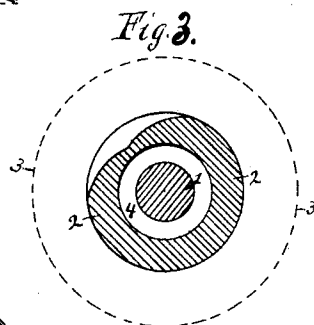
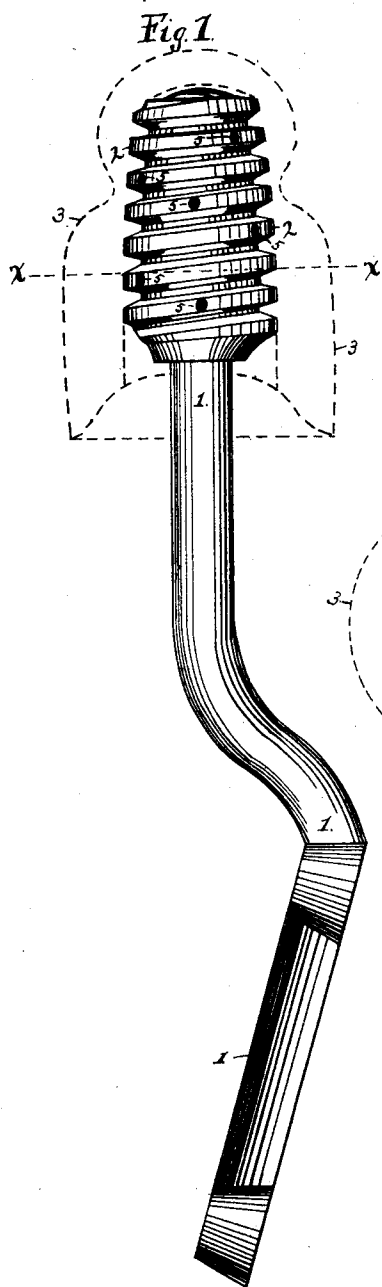


(No Model.)

T. H. BRADY.
INSULATOR BRACKET.

No. 476,604.

Patented June 7, 1892.



Witnesses.

Brayton Lewis,

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Atty.

UNITED STATES PATENT OFFICE.

THOMAS H. BRADY, OF NEW BRITAIN, CONNECTICUT.

INSULATOR-BRACKET.

SPECIFICATION forming part of Letters Patent No. 476,604, dated June 7, 1892.

Application filed April 9, 1892. Serial No. 428,532. (No model.)

To all whom it may concern:

Be it known that I, THOMAS H. BRADY, a citizen of the United States, residing at New Britain, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Insulator-Brackets, of which the following is a specification.

My invention relates to that class of brackets which are adapted to be attached to the walls or roofs of buildings or other supports for holding electrical insulators, upon which the wires of a telegraph, telephone, fire-alarm, or lighting system are to be strung, the object being to provide a cheap bracket of this class so constructed that in expanding or contracting under the influence of the natural changes in temperature or effect of sunlight it will not break or crack the glass, porcelain, lava, or other insulating substance which it supports.

In the accompanying drawings, Figure 1 is a side view of a bracket, and an insulator is indicated by broken lines. Fig. 2 is a central vertical section, and Fig. 3 is a horizontal section of the same on the line *x x*, Fig. 1.

In the views, 1 indicates the shank of the bracket, which is usually formed from a piece of round rolled or drawn iron rod, with one end flattened or perforated for the reception of holding-screws. The head of this bracket, which is a thin-walled shell 2, usually made of cast-iron, has a threaded exterior, upon which the insulator 3, of common form, is

screwed, and a central perforation, so that it may be slipped upon the end of the shank, to which it is riveted or soldered. This perforation at the ends of the shell is of a size that fits the shank; but it is enlarged at the center, so that an air chamber or space 4 is formed on the interior between the shank and the threaded shell or head of the bracket. Openings 5 may, if desired, be made through the side walls of this shell from the chamber to the exterior.

I claim as my invention—

1. An insulator-bracket consisting of a shank and a hollow head secured to the shank, with an interior space between the shank and head, substantially as described, and for the purpose specified.

2. An insulator-bracket consisting of a shank and a threaded hollow head secured to the shank, with an interior space between the shank and head, substantially as described, and for the purpose specified.

3. An insulator-bracket consisting of a shank and a hollow head secured to the shank, with an interior space between the shank and head and openings through the walls of the head, substantially as described, and for the purpose specified.

THOMAS H. BRADY.

Witnesses:

BRAYTON S. LEWIS,
JOHN H. KIRKHAM.