

(No Model.)

G. M. BROWN.
NOISE DEADENING INSULATOR.

No. 268,075.

Patented Nov. 28, 1882.

Fig. 1.

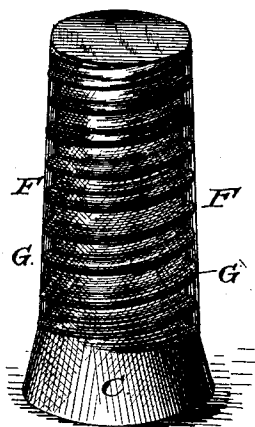
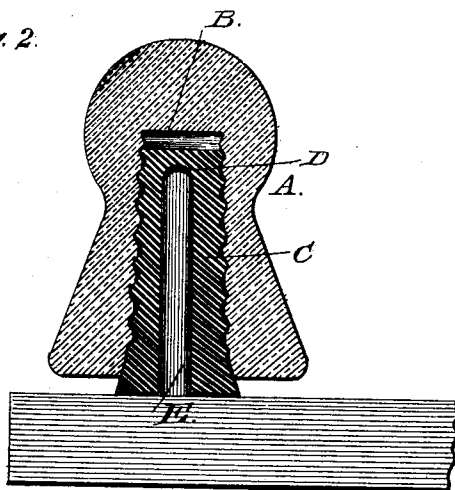


Fig. 2.



WITNESSES:

Fred. L. Dietrich,
C. K. Allen.

INVENTOR.

G. M. Brown.
by C. A. Snow & Co.
ATTORNEYS.

UNITED STATES PATENT OFFICE.

GOUVERNEUR M. BROWN, OF WOONSOCKET, RHODE ISLAND.

NOISE-DEADENING INSULATOR.

SPECIFICATION forming part of Letters Patent No. 268,075, dated November 28, 1882.

Application filed June 26, 1882. (No model.)

To all whom it may concern:

Be it known that I, GOUVERNEUR M. BROWN, of Woonsocket, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Noise-Deadenning Insulators; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

Figure 1 is a perspective view of the plug detached, and Fig. 2 is a vertical sectional view taken through the insulator and plug.

Similar letters of reference indicate corresponding parts in both figures.

This invention relates to insulators for telegraph-wires; and it consists in certain improvements in the construction of the same, which will be hereinafter fully described, and particularly pointed out in the claims.

In the drawings hereto annexed, A represents an insulator made in the ordinary well-known manner of glass, porcelain, or other suitable material, and provided in its under side with a deep recess or opening, B, which is screw-threaded, as shown. Insulators thus constructed are usually adjusted upon wooden pegs, projecting upward from the cross-bars of the telegraph-poles, after which the wires are put in position. When moved or shaken by the wind or from other causes the wires, when thus supported, will emit a peculiar disagreeable humming sound, which it is the object

of my present invent to prevent. This I accomplish by using a plug, C, of india-rubber, screw-threaded upon its outer side, so as to fit in the opening B of insulator A, and having a recess, D, by which it may be adjusted upon the supporting-peg E, which may in this case be made of iron. The block C is provided on each side with a thin vertical web, F, connecting the screw-threads G, and serving, when the block or plug C is adjusted in insulator A, as a packing, which makes the connection tight and firm.

The operation of my invention is obvious, the elastic block or plug interposed between the insulator and the supporting-peg serving to deaden the noise of the wires.

I claim and desire to secure by Letters Patent of the United States—

1. The rubber block C, having recess D, screw-threads G, and vertical webs F connecting said threads, as and for the purpose set forth.

2. The combination of an insulator, A, having screw-threaded opening B, a supporting-peg, E, and an interposed rubber block or cushion having recess, D, screw-threads G, and webs F, as and for the purpose set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

GOUVERNEUR M. BROWN.

Witnesses:

GEORGE A. WILBER,
GEO. E. BREWER.