

(No Model.)

A. J. WYLIE.
INSULATOR.

No. 481,457.

Patented Aug. 23, 1892.

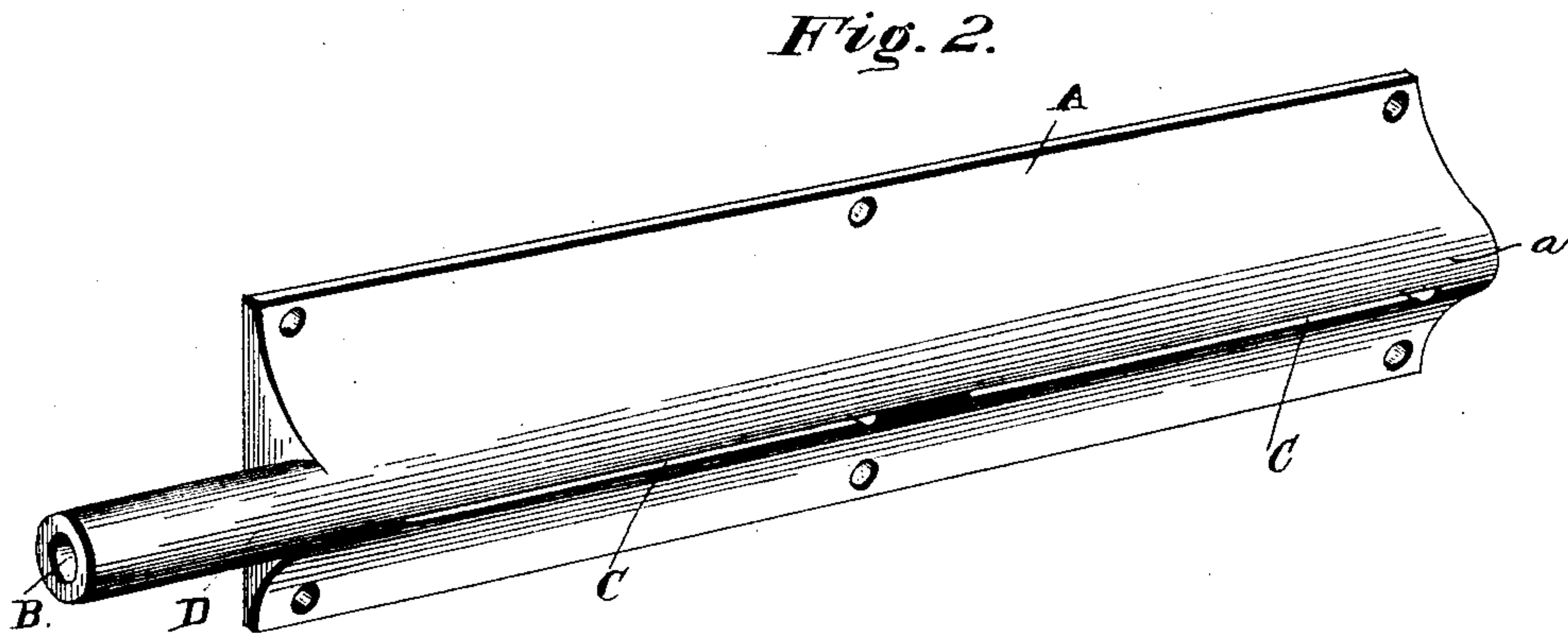
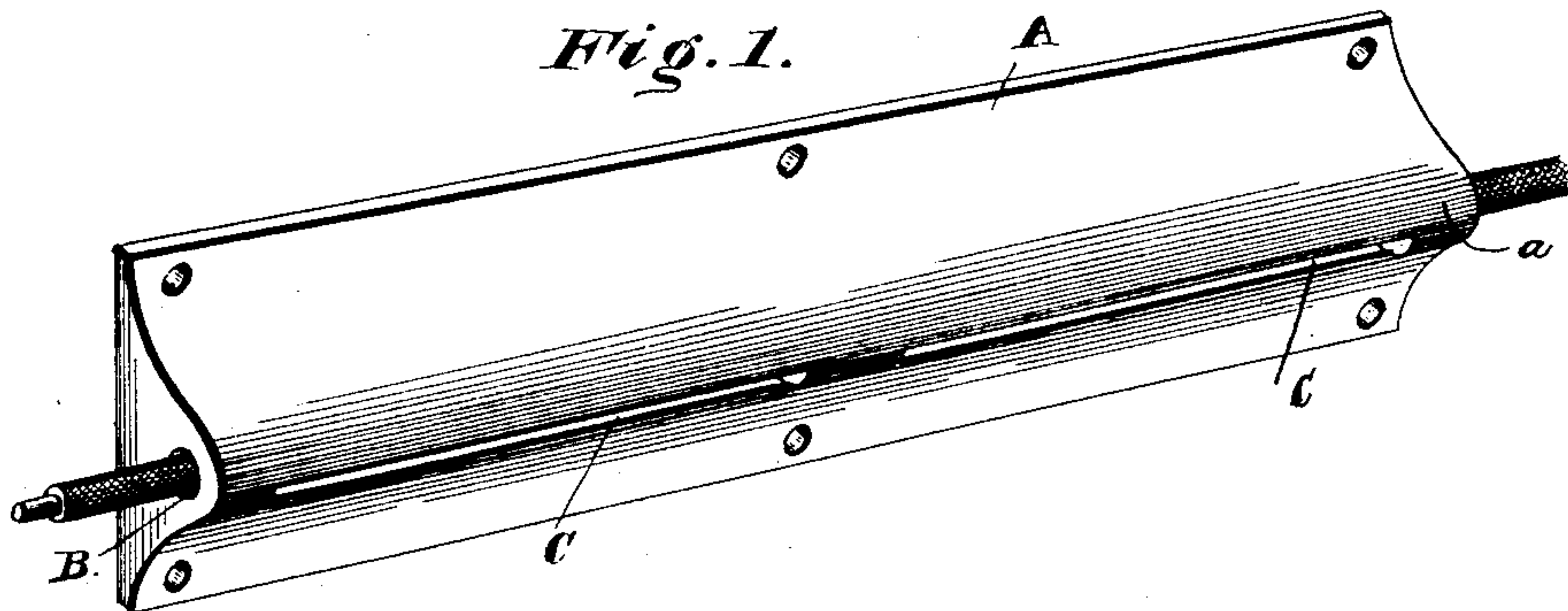
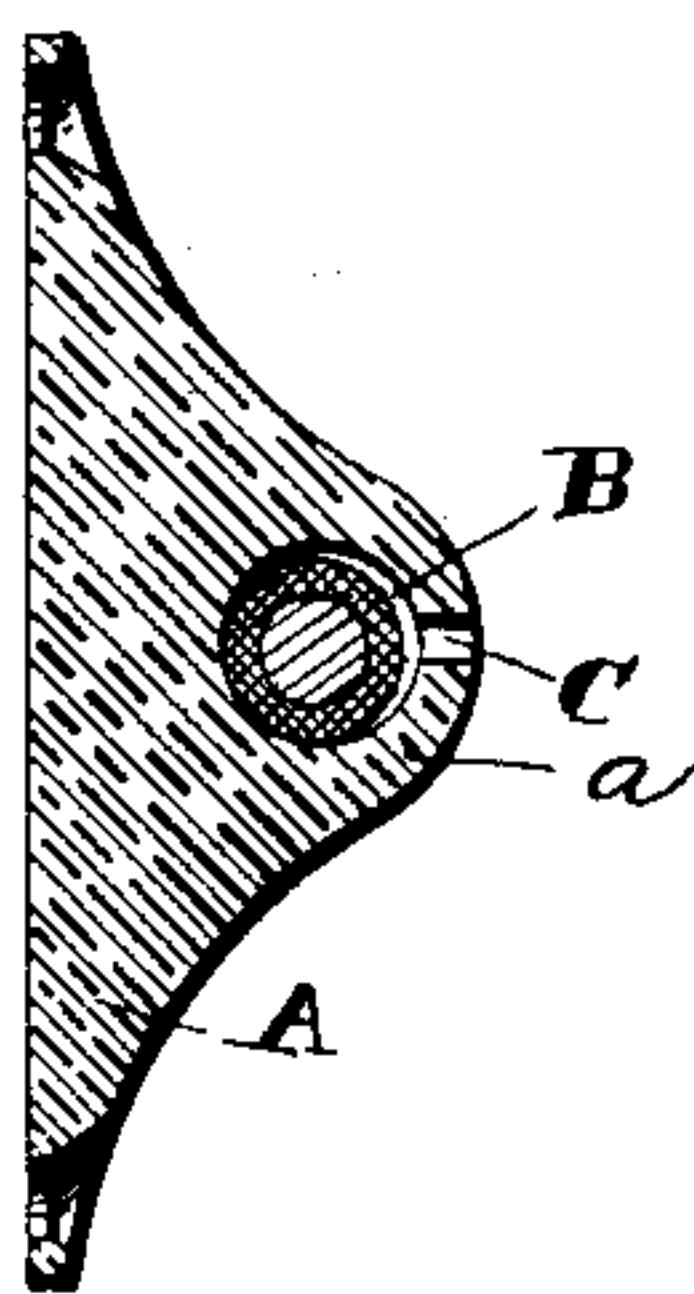


Fig. 3.



Witnesses
Chas. A. Ford.
Lowell H. Haupt.

A. J. Wylie. Inventor

By *his* Attorneys,

C. A. Snow & Co.

UNITED STATES PATENT OFFICE.

ARTHUR J. WYLIE, OF ROME, NEW YORK.

INSULATOR.

SPECIFICATION forming part of Letters Patent No. 481,457, dated August 23, 1892.

Application filed January 18, 1892. Serial No. 418,501. (No model.)

To all whom it may concern:

Be it known that I, ARTHUR J. WYLIE, a citizen of the United States, residing at Rome, in the county of Oneida and State of New York, have invented a new and useful Electric-Wire Hanger, of which the following is a specification.

This invention relates to electric wire or cable hangers; and it has for its object to provide an article or device of this character which provides for the convenient hanging of electric wires or cables to the walls or ceilings of buildings or in other locations in which it is desirable to hang the wires by such devices, which prevent the wires from falling, are safeguards against fires, and are not only protection to the walls, but also present a neat appearance.

With these and many other objects in view, which will readily appear as the nature of the invention is better understood, the same consists in the novel construction, combination, and arrangement of parts hereinafter more fully described, illustrated, and claimed.

In the accompanying drawings, Figure 1 is a perspective view of one of my improved insulated and ventilated electric-wire hangers. Fig. 2 is a similar view of the hanger used in connection with the line of hangers carrying the wire adjacent to a partition or other obstruction to the line of wire. Fig. 3 is a transverse sectional view of one of the hangers.

Referring to the accompanying drawings, A represents an electric wire or cable hanger block or bracket constructed of glass, porcelain, or other non-conducting material. It is designed to be used in connection with a line of similar hangers strung along the wall, ceiling, or other object over which the line of electric wire or cable is to be hung. The said hanger block or bracket A is provided with a longitudinal perforation or wire-chamber B, through which the line of wire is strung, and said hangers may be secured to their point of location by screws or other suitable fastening devices. The said block or bracket A has an off-standing rounded portion *a*, through which said longitudinal wire-chamber passes, and communicating with which are the longitudinally-disposed continuous slots C, formed in said enlargement and extending therethrough in a straight line, and, as stated, opening into the longitudinal wire perforation or chamber. The said longitudinally-disposed slots, com-

municating with the wire perforations or chambers, provide means for showing the location of the wire, the condition of the same, whether the insulation is impaired or not, ventilating-openings for the heat to escape, and also give material space to accommodate any expansion of the hanger. As illustrated in Fig. 2 of the drawings, the hanger block or bracket adjacent to a wall, partition, or other obstruction to the line of wire is provided with a tubular extension D, forming a continuation of the wire perforation or chamber and projecting through said partition or obstruction to receive the wire through the same.

The many advantages, as well as the construction and uses of the herein-described hanger, are now thought to be apparent without further description. It may be additionally noted at this point that the object of the slot is to also allow the material of which the hanger is made a chance to expand, as might be the case from a great amount of heat from the electric wires, hence would expand and not break.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In an electric wire or cable hanger, a non-conducting block or bracket provided with a rounded offstanding portion having a longitudinal wire perforation or chamber extending entirely therethrough, and longitudinally-disposed slots extending in a straight line through the front face thereof and opening into said wire-chamber, substantially as set forth.

2. In an electric wire or cable hanger, a non-conducting block or bracket provided with a rounded offstanding portion, a longitudinal wire perforation or chamber extending through said offstanding portion, longitudinally-disposed slots extending in a straight line through the front face of said block or bracket and opening into said wire-chamber, and a tubular partition extension forming a continuation of the wire perforation or chamber, substantially as set forth.

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

ARTHUR J. WYLIE.

Witnesses:

J. S. BAKER,

CLARK W. DRAPER.