

(No Model.)

O. M. DRAPER.
ELECTRIC WIRE SUPPORTER.

No. 307,025.

Patented Oct. 21, 1884.

Fig. 1.

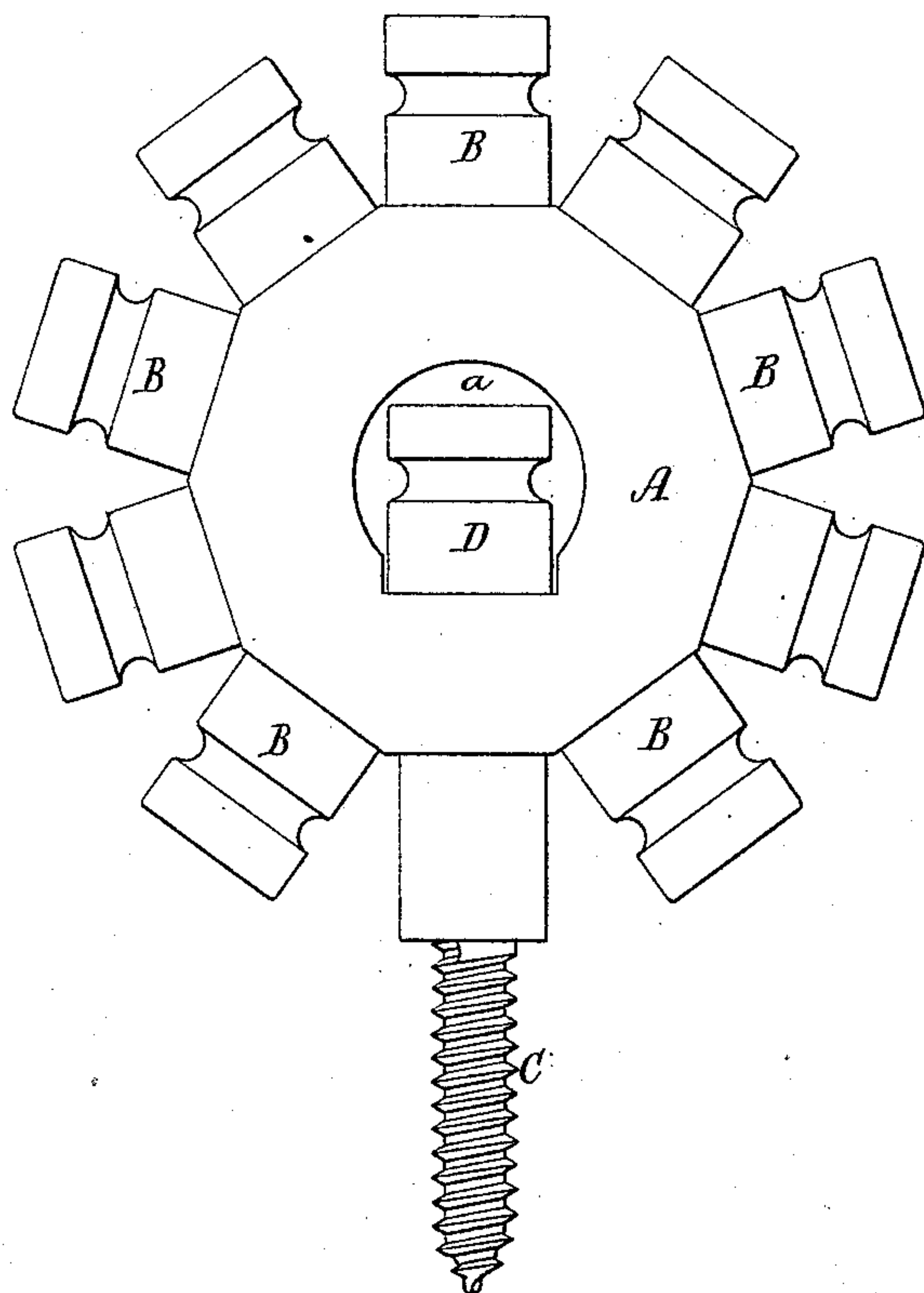
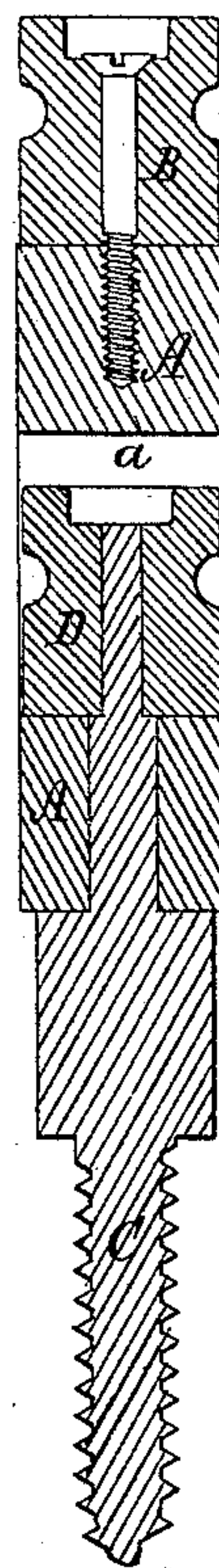


Fig. 2.



Witnesses.

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UNITED STATES PATENT OFFICE.

OSCAR MANN DRAPER, OF NORTH ATTLEBOROUGH, MASSACHUSETTS, ASSIGNOR, BY MESNE ASSIGNMENTS, TO HIMSELF, AND ALBERT SCRANTON WEAVER AND OSCAR N. BENDER, BOTH OF PROVIDENCE, R. I.

ELECTRIC-WIRE SUPPORTER.

SPECIFICATION forming part of Letters Patent No. 307,025, dated October 21, 1884.

Application filed July 31, 1884. (No model.)

To all whom it may concern:

Be it known that I, OSCAR MANN DRAPER, of North Attleborough, in the county of Bristol, of the Commonwealth of Massachusetts, have invented a new and useful Improvement in Electric-Wire Supporters; and I do hereby declare the same to be described in the following specification, and represented in the accompanying drawings, of which—

Figure 1 is a side elevation, and Fig. 2 a transverse section, of a telegraph or telephone wire supporter containing my invention, the nature of which is defined in the claims hereinafter presented.

The said supporter is for the purpose of sustaining in a small compass a series of wires, each one of such series being extended around and secured to one of the insulators of the supporters.

The drawings represent a supporter as composed not only of a prismatic block or ring, A, and a series of insulators, B, of glass or other suitable material affixed and projecting from and attached to the block or ring at its outer edge or perimeter, as represented, but of a metallic spindle or screw, C, extending down from such block or ring, the said spindle being also shown as projecting upward within the interior or open space *a* of the ring, and into a central insulator, D, arranged within such space, as represented, the spindle serving to sustain the insulator in position. Each insulator is a cylinder of glass or other suitable material capable of preventing the escape to the part A of electricity from a wire when attached to such insulator. Such part A, I usually make as a cylinder, prism, or ring, of wood, though it may be of any other suitable material.

From the above it will be seen that by the above-described arrangement of the insulators about the outer edge of the part A they are brought together so as to touch or nearly touch at their inner bases, and from thence they diverge from each other sufficiently for conveniently attaching the wires to them, and for keeping such wires at proper distances apart.

With my supporter, a series of wires may frequently be set up in a narrow space where it would be difficult if not impossible to employ a single straight bar for sustaining a set of the insulators necessary for the support of such wires.

The spindle or screw C is intended to screw into or be fixed in the upper portion of a post or any convenient part of a building or other structure that may be employed to aid in supporting the ring.

I claim—

1. An electric-wire supporter consisting of a ring or block and a spindle or screw projecting therefrom at its outer edge, and a series of insulators arranged in diverging directions about the said outer edge of such ring or block, all being substantially as set forth.

2. An electric-wire supporter consisting of a ring and a spindle or screw projecting therefrom at its outer edge, and into the open portion of such ring an insulator arranged within such open portion and upon the said spindle, and a series of insulators arranged in diverging directions about the outer edge of such ring, all being substantially as represented.

OSCAR MANN DRAPER.

Witnesses:

R. H. EDDY,
S. N. PIPER.