

(No Model.)

R. DELÉRY.
TIELESS INSULATOR.

No. 585,026.

Patented June 22, 1897.

Fig. 1.

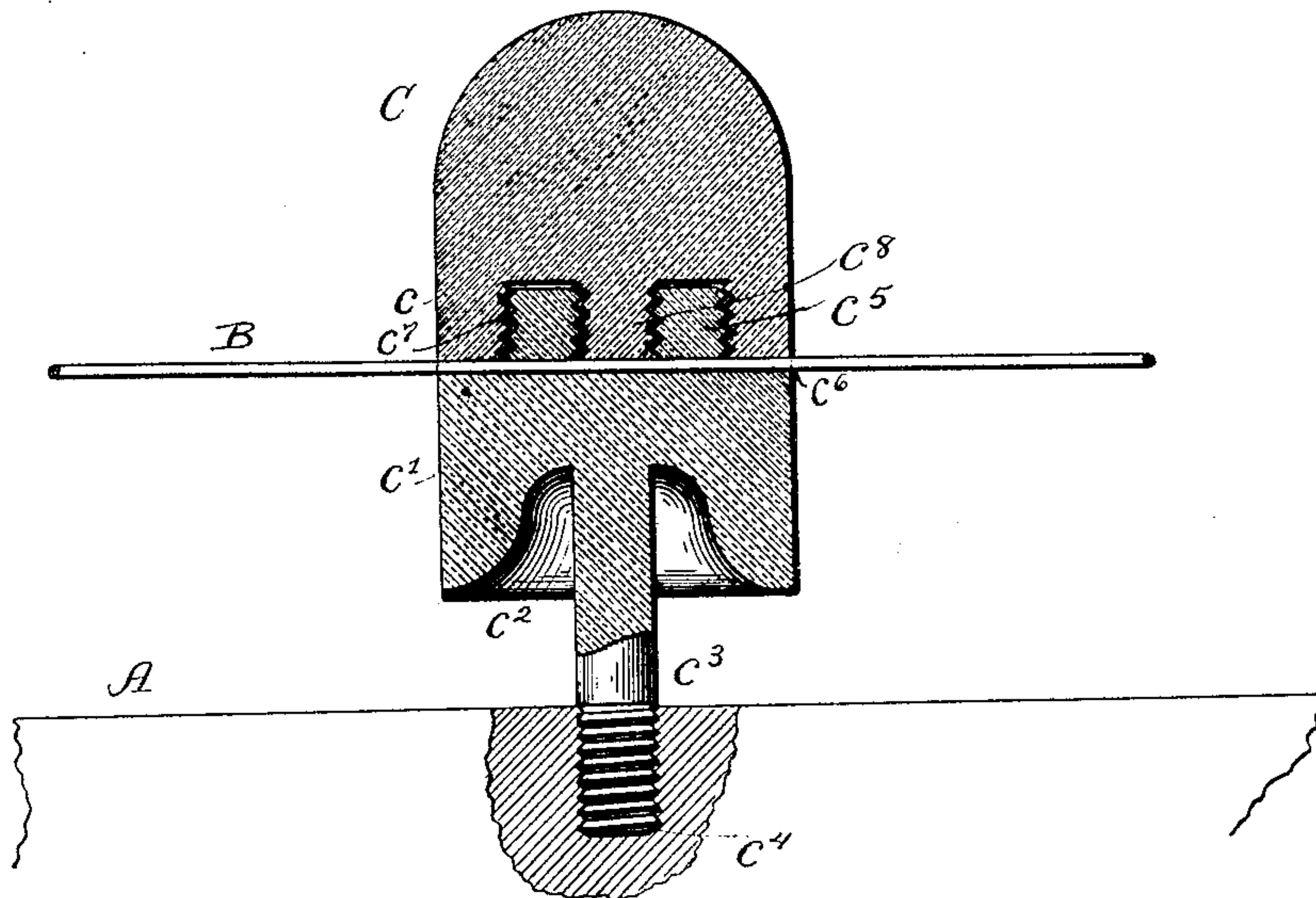


Fig. 2.

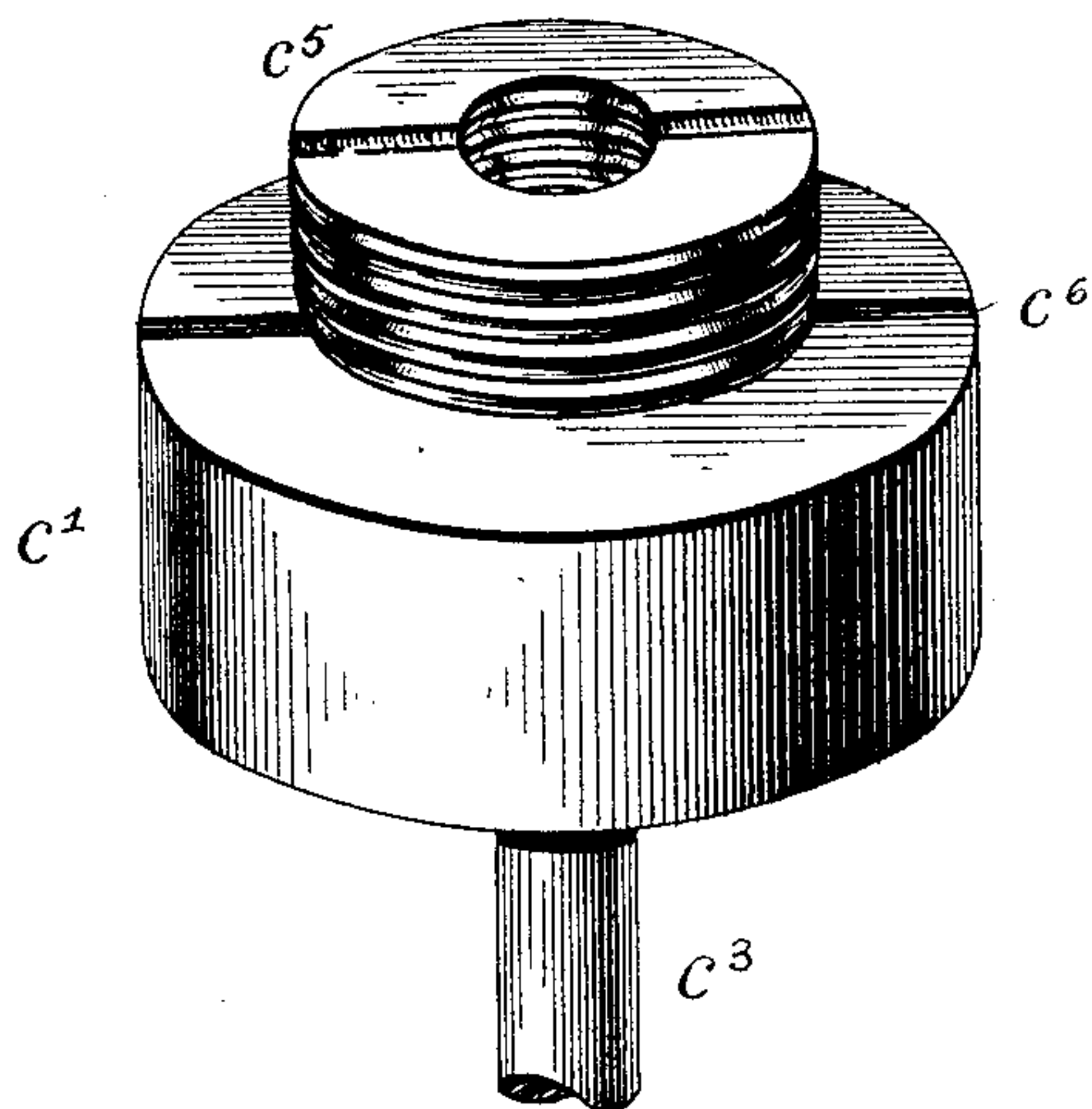
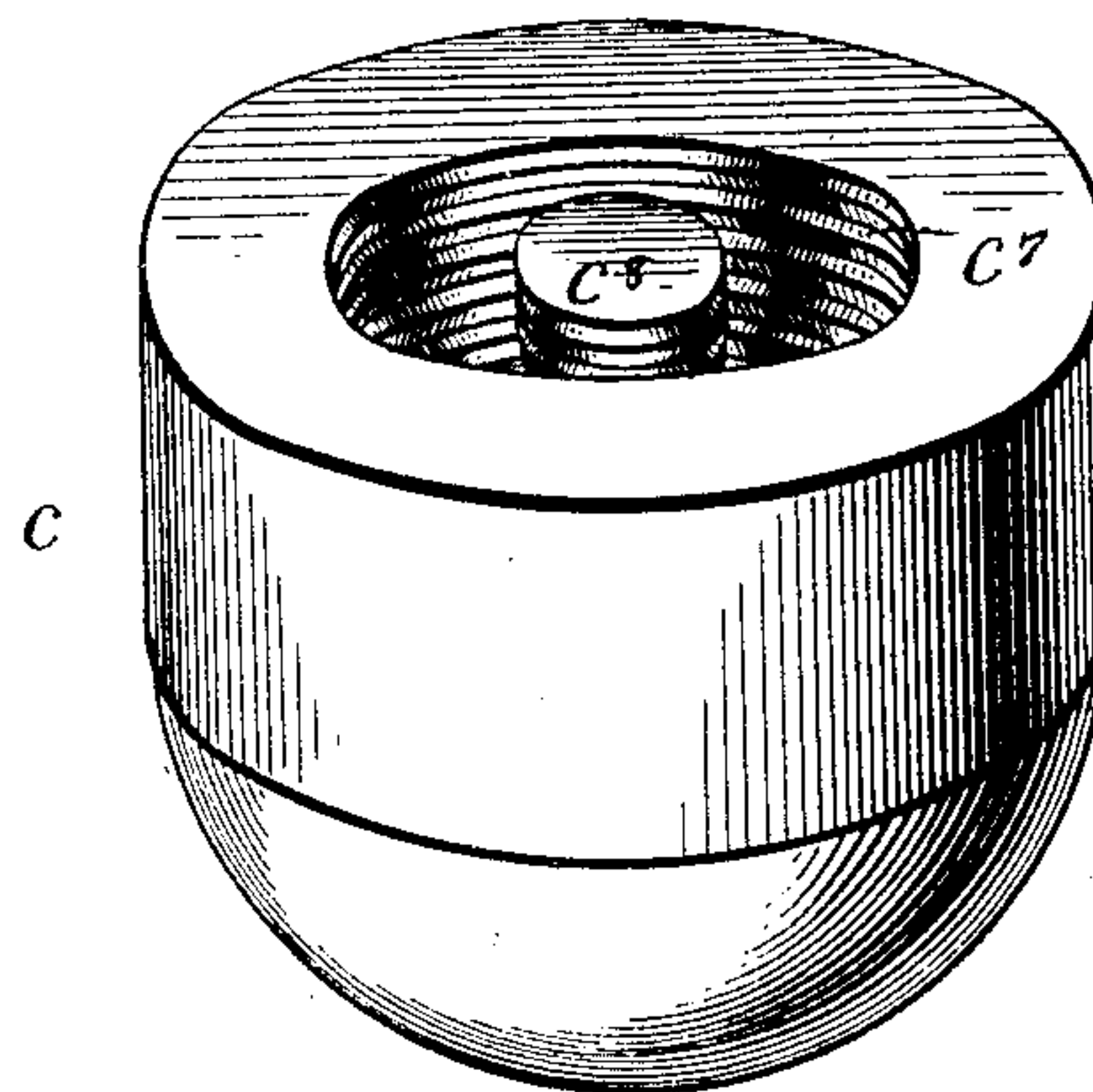


Fig. 3.



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ROBERT DELÉRY, OF NEW ORLEANS, LOUISIANA.

TIELESS INSULATOR.

SPECIFICATION forming part of Letters Patent No. 585,026, dated June 22, 1897.

Application filed January 11, 1897. Serial No. 618,749. (No model.)

To all whom it may concern

Be it known that I, ROBERT DELÉRY, a citizen of the United States, residing at New Orleans, in the parish of Orleans and State of Louisiana, have invented certain new and useful Improvements in Tieless Insulators; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in insulators, and has more particular relation to insulators for supporting telegraph, telephone, and electric-light wires.

The invention consists of certain novel constructions which will be hereinafter more particularly set forth and claimed.

In the accompanying drawings, forming part of this specification, Figure 1 represents a central vertical section through an insulator embodying my invention. Fig. 2 represents an enlarged detail perspective view of the lower section of the insulator, and Fig. 3 represents an enlarged detail perspective view of the upper section of the same.

A in the drawings represents the cross tree or arm upon which the insulator is to be applied, B the line-wire, and C my improved insulator. This insulator comprises two sections c and c' . Section c' is provided upon its under side with a socket c^2 , from the center of which extends a pendent stud c^3 , having its lower end screw-threaded, as at c^4 , so that it may be readily screwed into the arm A or any other article to which the insulator is to be attached. The upper end of said section c' is formed with an annular screw-threaded flange c^5 , through which is cut a slot c^6 for the reception of the wire B. This flange c^5 is screw-threaded both internally and externally for a purpose hereinafter more particularly described. The groove or slot c^6 preferably extends into the top of the section c' , so that when both of the sections are applied together the wire will not prevent said sections fitting snugly in position. The said section c may be given any desired shape and is provided on its underside with a screw-threaded socket c^7 , having a central screw-

threaded stud c^8 . It will be observed from the foregoing description that when the wire B is placed in the groove c^6 and the section c screwed down over the section c' the annular flange c^5 will enter the screw-threaded socket c^7 , while the stud c^8 will engage the internal screw-threads of said flange c^5 . The joint between said sections c and c' is thus made doubly secure. I preferably construct this insulator of glass, porcelain, hard rubber, or other similar material usually employed in the construction of insulators.

It will be observed that by the employment of my invention the use of tie-wires and other securing devices is altogether obviated and the wire is secured firmly between the two sections of the insulator, whereby said wire is supported and prevented from moving longitudinally.

While this insulator is very simple and cheap in construction, it at the same time is effective, and when a wire is once applied in position therewith it is held securely against any accidental displacement.

The insulator may be used over and over again by simply unscrewing the top section c to permit the wire B to be removed.

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

An insulator, comprising two sections one of which is provided with a screw-threaded attaching-bolt, and an annular flange of less diameter than said section and having a vertical wire-receiving slot formed therein, and screw-threads formed upon both its inner and outer walls, and the other section having a screw-threaded socket adapted to fit over and engage the screw-threads of the annular flange, and a screw-threaded stud adapted to fit into said flange and engage the screw-threads upon the interior of the same, substantially as described.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

ROBERT DELÉRY.

Witnesses:

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