

(Model.)

W. M. SUHR.
SECTIONAL NON-CONDUCTIVE COVERING FOR TUBES.

No. 312,037.

Patented Feb. 10, 1885.

Fig. 1.

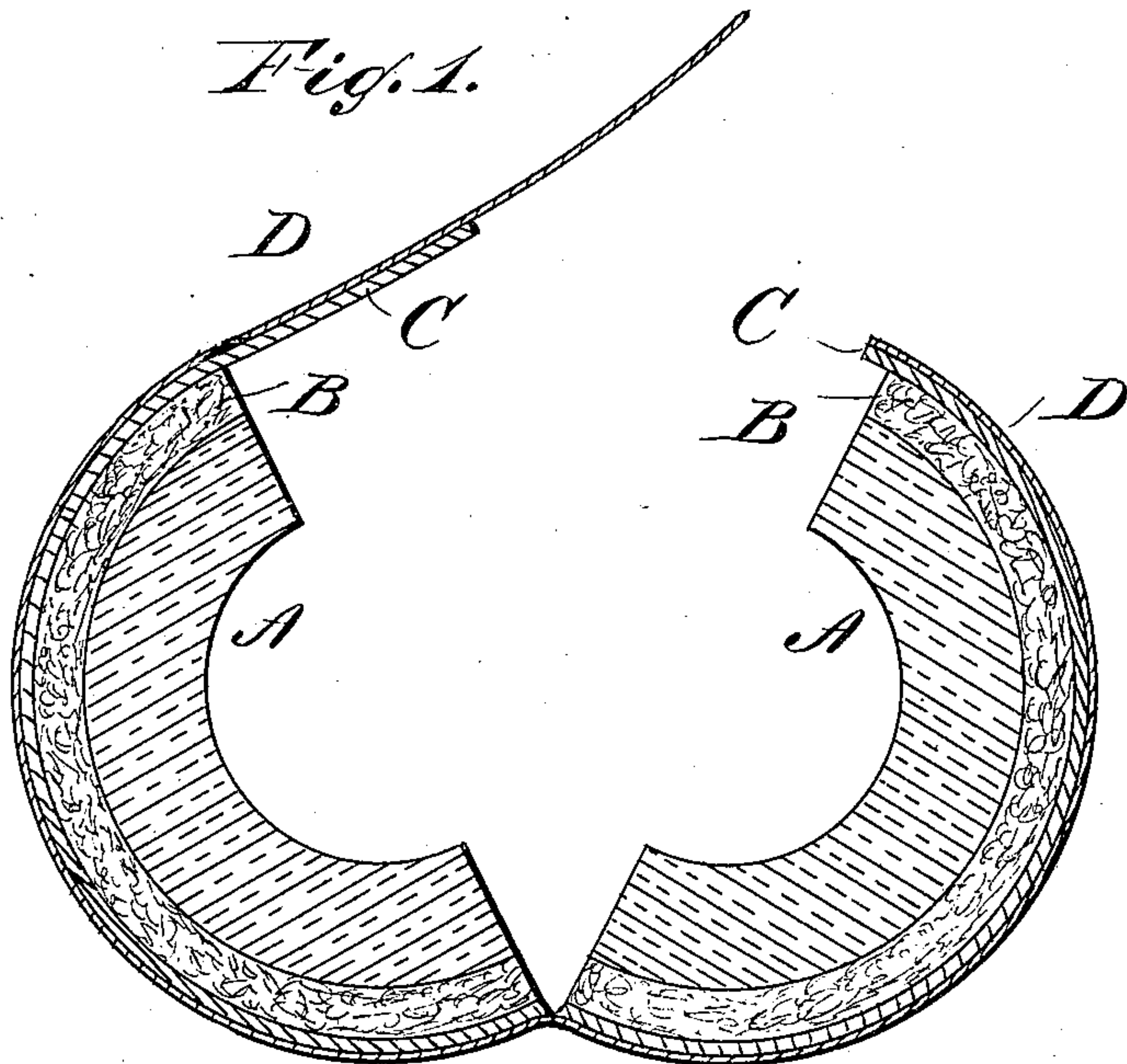


Fig. 2.

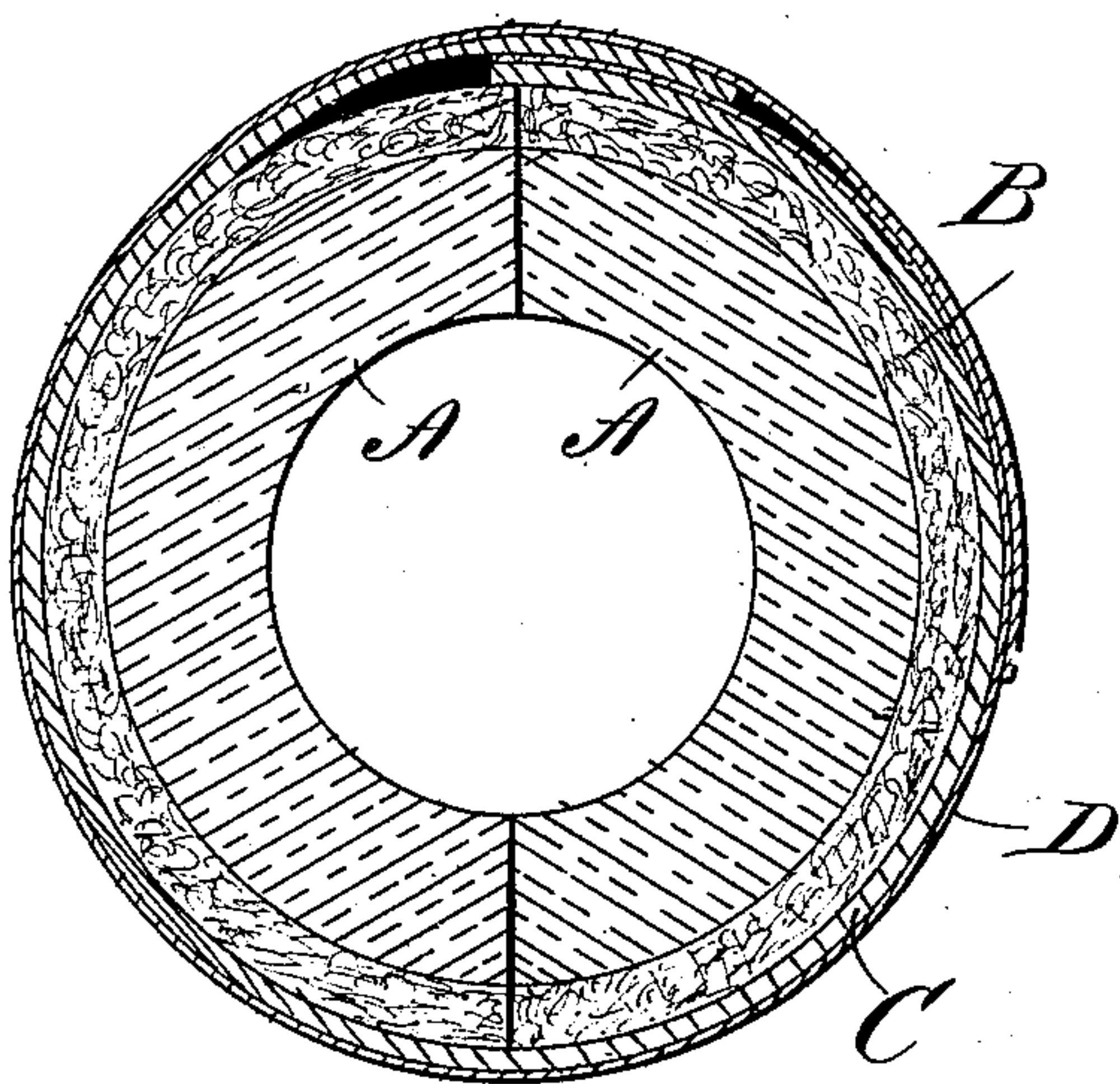
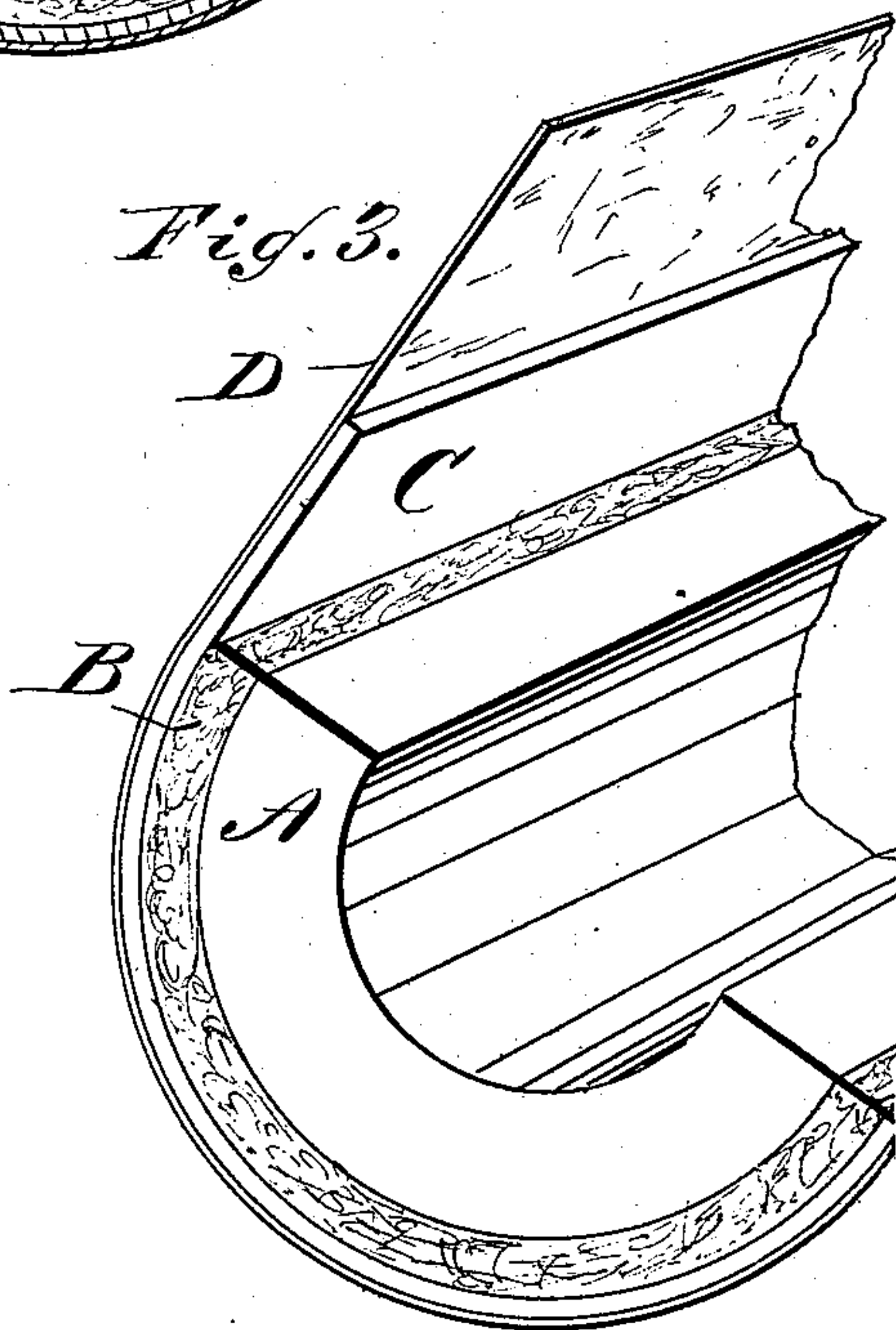


Fig. 3.



WITNESSES:

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SECTIONAL NON-CONDUCTIVE COVERING FOR TUBES.

SPECIFICATION forming part of Letters Patent No. 312,037, dated February 10, 1885.

Application filed August 9, 1884. (Model)

To all whom it may concern:

Be it known that I, WILLIAM M. SUHR, of the city, county, and State of New York, have invented a new and Improved Sectional Non-Conductive Covering for Tubes, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved non-conducting and protective covering for pipes and tubes, which covering is made in sections, and can be applied easily and rapidly.

The invention consists in the construction and arrangements of parts, as will be herein-
after fully described and claimed.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a cross-sectional elevation of one section of my improved non-conductive tube-covering, showing it opened. Fig. 2 is a cross-sectional view showing it closed. Fig. 3 is a perspective view of one end.

Two semi-cylinders, A, of the same size, and consisting of a composition of plaster-of-paris, asbestos, and sawdust, are each provided on the outer side with a layer or covering, B, of felt, the thickness of the felt being from one-quarter to one-third of the thickness of the parts A. On the outside of the felt layer B a layer, C, of strong and thick paper—such as felt-paper—is secured.

The two semi-cylinders and their layers of felt and paper are so constructed as to fit well against each other and to hold them together. They are both cemented to a covering, D, of canvas or other fabric or flexible material, which overlaps the free edge of one semi-cylinder A considerably. The canvas or flexible material forms a hinge-joint for the two semi-cylinders. The paper C on that semi-cylin-

der on which the canvas overlaps also overlaps, as shown, to form a close joint, and to hold the two semi-cylinders on the tube or pipe more securely. The described covering is formed in sections of regular lengths, ready for application on the tubes or pipes.

To apply a section, the two semi-cylinders are swung from each other and passed over the pipe or tube, and then closed and swung together, thereby surrounding the tube or pipe completely. The overlapping part of the canvas covering is then folded against and cemented to the outer surface of the complete covering, thus locking the covering and holding it in place. The coverings must be manufactured of different diameters to fit different pipes and tubes.

As the covering is formed in sections, and is delivered dry and hardened ready for application, a large quantity of pipes can easily be covered in a very short time.

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

1. A tube-covering formed of two semi-cylinders of plaster-of-paris, asbestos, and sawdust, covered on the outside with a layer of felt, which in turn is covered by a layer of thick paper, substantially as herein shown and described.

2. In a tube-covering, the combination, with two semi-cylinders, A, composed of plaster-of-paris, asbestos, and sawdust, of the felt B on the outside of the same, the paper C on the felt, and the piece of canvas D or other flexible material to which the two semi-cylinders are secured, substantially as herein shown and described.

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Witnesses:

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