(No Model.)

J. A. DEVLIN.

POST FOR ELECTRIC CONDUCTORS.

No. 286,397. Patented Oct. 9, 1883.

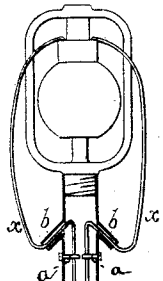


Fig. 1

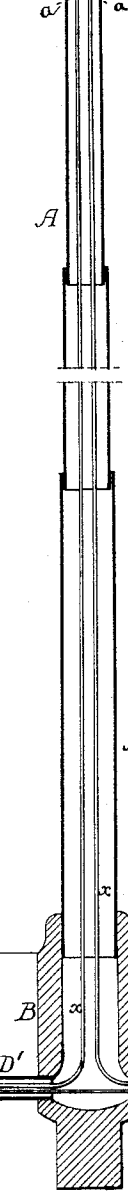


Fig. 3.

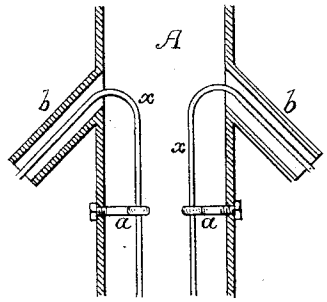
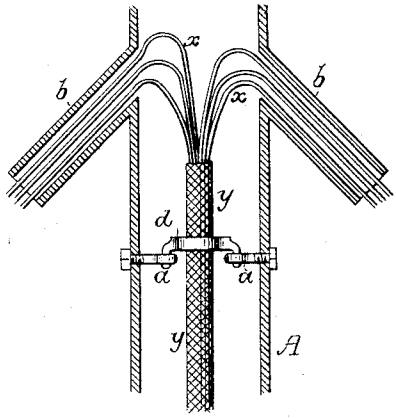


Fig. 4.



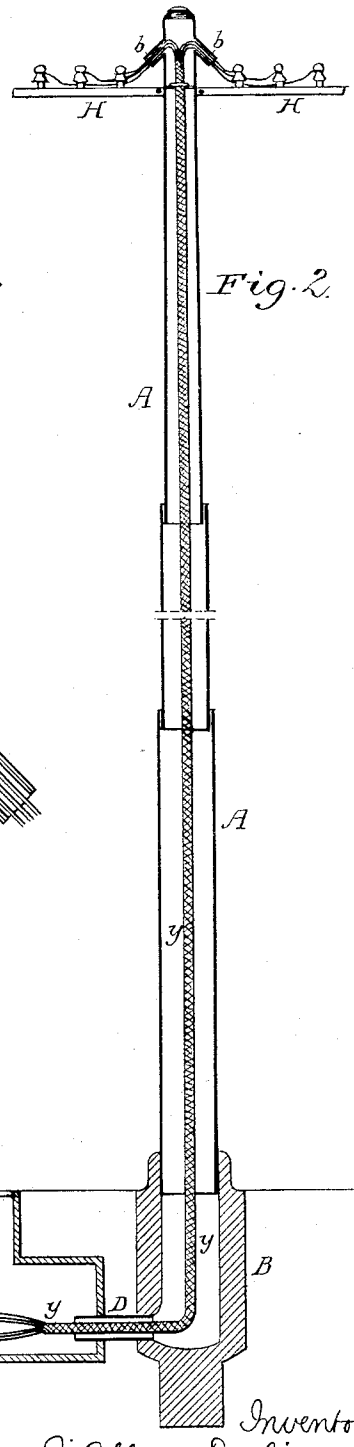


Fig. 2.

Witnesses
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UNITED STATES PATENT OFFICE.

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POST FOR ELECTRIC CONDUCTORS.

SPECIFICATION forming part of Letters Patent No. 286,397, dated October 9, 1883.

Application filed May 7, 1883. (No model.)

To all whom it may concern:

Be it known that I, J. ALLEN DEVLIN, a citizen of the United States, and a resident of Philadelphia, Pennsylvania, have invented certain Improvements in Poles or Posts for Electric Conductors, of which the following is a specification.

My invention relates to certain improvements in poles or posts for supporting electric lights, telegraph-wires, &c., when the latter are used in connection with underground cables or conductors, the objects of my invention being to permit the ready formation of the connections between the conductors and the lamps or overhead wires, to provide for the proper direction and support of the wires, and to permit the ready testing of the same.

In the accompanying drawings, Figure 1 is a vertical sectional view of one form of my improved post adapted for the support of an electric light; Fig. 2, a vertical section of the post adapted for the support of overhead wires, and Figs. 3 and 4 enlarged views of parts of the post.

A represents the post, which may be a cast-iron column or a wrought-iron tube, and may be in one piece or in as many sections as desired. The lower end of this tubular post is fitted to a hollow base, B, preferably of cast-iron, and is suitably secured thereto. From the base B projects a tube, D, which communicates with a box, F, sunk below the level of the street, and communicating through a tube, G, with the conduit carrying the wires or cables for conducting the electric current, the box F having a suitably-covered manhole, and being of such dimensions that the wires *x* in running from the main conduit to the post will be exposed for a short distance between the tubes D and G, so as to permit of their examination and to facilitate testing.

The wires *x* (shown in Fig. 1) extend up inside of the post to the top of the same, where they are guided and supported by internal eyes, *a*, Fig. 3, and pass thence through downwardly-projecting tubes *b* on the sides of the post to the lamp, the standard of which is screwed into the top of said post, the downwardly-projecting tubes serving to prevent the access of rain or snow to the interior of the post.

In the present instance the base B has another laterally-projecting tubular branch, D′, through which the wires *x* may be run to a building in front of which the lamp is situated. The number of branches, however, is not essential. For instance, in Fig. 2 I have shown a base with but one branch, through which passes a cable, *y*, carrying a number of telegraph-wires. Where the post is placed at the intersection of two or more underground conduits, it will have a number of tubular projections, one for each conduit.

The cable *y* extends up through the post, and is supported near the top of the same by a clasp, *d*, carried by the eyes *a*, the different wires passing through the tubes *b* to the insulators on a cross-bar, H, which is supported on the post by means of a suitable clamp. In this case the top of the post is closed by a screw-cap.

By making the hollow base B of cast-iron and closing the same at the bottom, the access of moisture at that point is prevented, this being an advantage over a base having a bottom joint, as it is desirable to keep the conductors as dry as possible.

I claim as my invention—

1. The combination of a hollow post with the hollow cast-metal base B, closed at the bottom, and having one or more laterally-projecting tubular branches, through which the wires enter the hollow post, as set forth.

2. The combination of the hollow post and the testing-box F with the hollow base B, having a laterally-projecting tubular branch communicating with said testing-box, as set forth.

3. The hollow post A, having near the top internal eyes, *a*, for the support and guidance of the wires within the post, as set forth.

4. The hollow post A, having near the top downwardly-projecting tubes *b* for the passage of the wires, as set forth.

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

J. ALLEN DEVLIN.

Witnesses:
HARRY L. ASHENFELTER,
HARRY SMITH.