(No Model.)

D. STEUSSY.

CONDUCTOR SUPPORT.

No. 397,037. Patented Jan. 29, 1889.

Fig. 1.

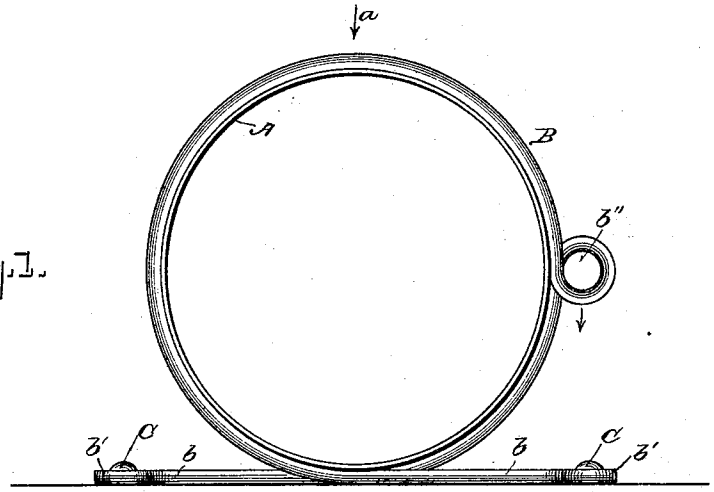


Fig. 2.

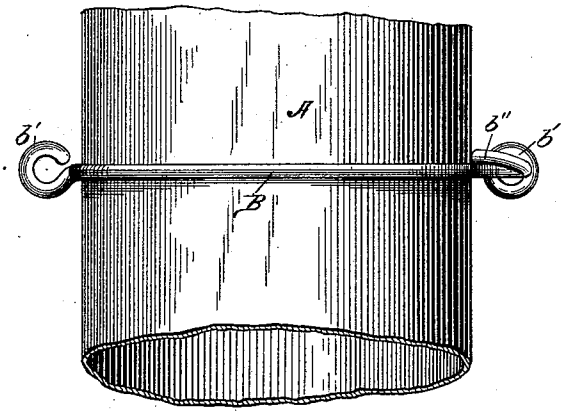
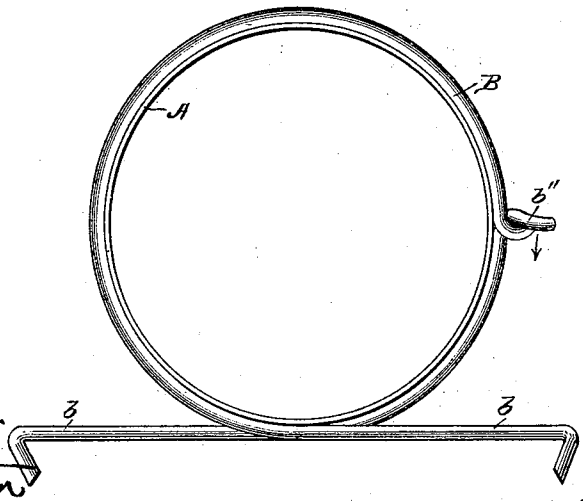


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

DAVID STEUSSY, OF MONTICELLO, WISCONSIN.

CONDUCTOR-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 397,037, dated January 29, 1889.

Application filed May 8, 1888. Serial No. 273,196. (No model.)

To all whom it may concern:

Be it known that I, DAVID STEUSSY, a resident of Monticello, in the county of Green and State of Wisconsin, have invented certain new and useful Improvements in Conductor-Supports; 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 pertains to make and use the same.

My invention relates to improvements in fasteners or supports for rain-water conductors, and is fully described and explained in this specification and shown in the accompanying drawings, in which—

Figure 1 is a top plan of my improved fastener fastened to a wall and in operative connection with a conductor. Fig. 2 is a front elevation of the same, looking in the direction indicated by the arrow *a*, Fig. 1. Fig. 3 is a plan similar to Fig. 1, the eye *b''* in the fastener being twisted for the purpose hereinafter set forth.

In the views, A is an ordinary conductor-pipe, and B is a wire bent to encircle and conform to the pipe, and having straight ends *b*, provided at their extremities with loops or eyes *b'*, adapted to receive nails or screws C for fastening the support to a wall of wood or brick. At any desired point in the portion of the wire B which encircles the pipe is formed a loop or eye, *b''*, which may be readily twisted either by means of a pair of grasping-pliers or by means of an awl or nail of sufficient length and strength passed through the eye.

In practice the fastener is attached by passing it about the conductor, bringing it into the position shown in Fig. 1, and nailing its ends to the wall, drawing them sufficiently to make the wire as close as is convenient. After nailing or otherwise securing the ends of the wire the support may be tightened upon the conductor to any desired degree by twisting the eye *b''*. If the wire be drawn reasonably close before nailing, a quarter-turn of the eye, bringing it into the position shown in Fig. 3, will tighten it sufficiently to hold the conductor firmly in position; but no matter how loose the wire may be before twisting the eye the slack can easily be taken up and the wire rendered perfectly tight by twisting the eye sufficiently. I have found, in fact, that a conductor-pipe of any ordinary construction may be pressed together by the tightening of the wire, the only limit to the pressure which can be put upon it being the strength of the wire and of the nails with which it is fastened to the wall.

It may be found advantageous to form the eye *b''* with a quarter-twist, as shown in Fig. 3, before applying it to the conductor, as this starts the twist evenly; but this is not essential either as a factor of the invention or as an incident in its use.

It is evident that, instead of forming eyes at the ends of the wire for attaching it by means of nails or screws, the ends may be turned downward, forming points for attachment, as shown in Fig. 3; but, as these points are a well-known equivalent of the eyes for this purpose, I do not regard the difference as essential.

Having now described my invention and explained its operation, what I claim as new, and desire to secure by Letters Patent, is—

1. A conductor-support consisting of a single wire adapted to encircle a conductor-pipe and having ends formed for attachment to a wall, and an intermediate loop or eye adapted to be twisted for shortening the wire after its application to the conductor, substantially as and for the purpose set forth.

2. The conductor-support consisting of the wire B, bent to encircle a conductor-pipe and formed with an eye, *b''*, and having ends *b*, provided with eyes *b'* for attaching the support to a wall, substantially as and for the purpose set forth.

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

DAVID STEUSSY.

Witnesses:
R. H. WILES,
J. A. CRAIN.