E. K. DAY & M. L. HUNKER.

HANGER FOR CONDUCTOR PIPES.

APPLICATION FILED NOV. 24, 1913.

1,116,573. Patented Nov. 10, 1914.

Fig. 1

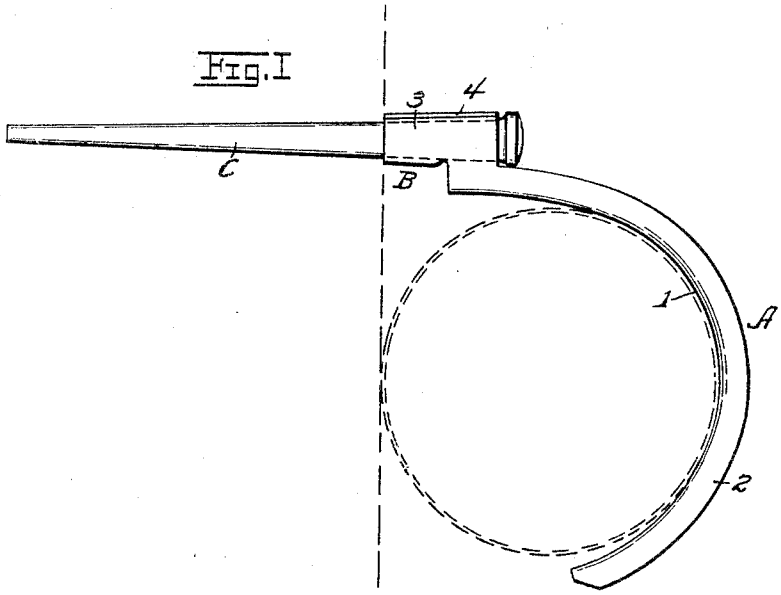


Fig. 2

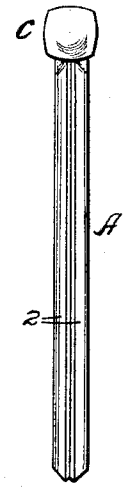


Fig. 3

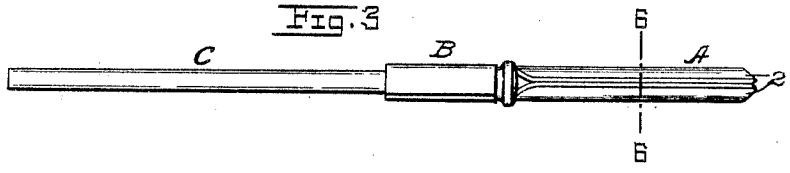


Fig. 6

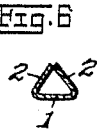


Fig. 5

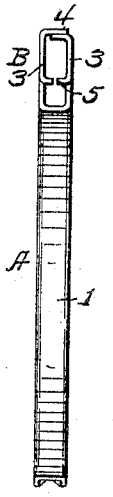
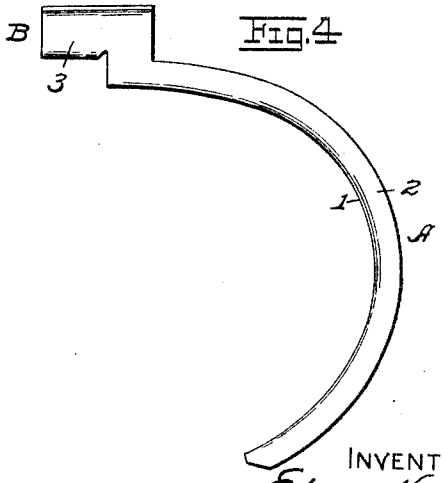


Fig. 4



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UNITED STATES PATENT OFFICE.

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HANGER FOR CONDUCTOR-PIPES.

1,116,573. Specification of Letters Patent. Patented Nov. 10, 1914.

Application filed November 24, 1913. Serial No. 802,627.

To all whom it may concern:

Be it known that we, EDGAR K. DAY and MARTIN L. HUNKER, citizens of the United States of America, and residents, respectively, of Wheeling, county of Ohio, and State of West Virginia, and Bellaire, county of Belmont, and State of Ohio, have invented certain new and useful Improvements in Hangers for Conductor-Pipes, of which the following is a specification.

This invention relates to improvements in hangers for conductor pipes, and more particularly to a hook or hanger by means of which conductor pipes and the like may be mounted in fixed position, as against the wall of a building.

The primary object of the invention is to provide a hanger which is simple, strong, and durable in its construction and which shall be comparatively inexpensive to manufacture.

A further object is to provide a conductor pipe hanger wherein the spike, or entrant, portion is preferably constituted by a nail or spike of an ordinary commercial type, but which may be of any other suitable or appropriate character.

With these and other objects in view, the invention resides in the features of construction, arrangement of elements and combinations of parts which will hereinafter be fully described, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a top plan view of the invention; Fig. 2 is a rear end view of the same; Fig. 3 is a side elevation of the same; Fig. 4 is a top plan view of the pipe-engaging portion of the hanger with the spike detached; Fig. 5 is a front end view of the same; and Fig. 6 is a cross section on the line 6—6, Fig. 3.

Referring to said drawings, in which like designating characters distinguish like parts throughout the several views—A indicates an arcuately curved, or substantially semicircular, hook adapted for assuming embracing engagement with a conductor pipe, as shown in Fig. 1 in which the pipe is indicated in dotted lines. Said hook is formed of sheet metal and is substantially triangular in cross section, as shown in Fig. 6, comprising a central substantially flat portion 1 and outwardly-directed convergent lateral portions 2, the latter lying at angles of approximately 45° to said portion 1.

Formed integral with the hook A at one end thereof is a ferrule or portion B adapted for supporting a nail or spike C in a position substantially tangential to the outer peripheral portion of said hook. Said ferrule B is preferably from three-eighths to three-fourths of an inch in length and embraces the spike directly in front of the head thereof; and it consists of opposite parallel side members 3 having their opposite edges inturned, as is clearly shown at 4 and 5 in Fig. 5. The edges of one of the opposing members may overlap those of the other, as shown at the upper part of the portion B in Fig. 5, or the edges of said members may closely approach each other, as shown at the under side of said portion in said figure.

The device with the spike supported in its proper position in the ferrule is preferably subjected to a tinning bath, in which the tin acts to solder the spike in place. As is obvious, however, the device may be marketed without the spike, the latter being supplied, as needed, by the user or craftsman.

It will be noted that the head of the spike occupies a position adapting the latter for convenient driving, and that the device may be mounted in any place where a spike may be driven. Further, as is apparent, aside from the fact that the device may be manufactured at a lower cost than the usual form of malleable iron hanger, it much more effectively resists breakage under blows from a hammer, thus obviating the serious objection to the use of the malleable iron type of hanger.

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

A hanger for conductor pipe, comprising, in combination with a headed spike, a substantially triangular pipe-embracing hook

formed of sheet metal and having one end shaped to form a tangentially extending ferrule which embraces said spike directly in front of the head of the latter, the upper portion of said ferrule being formed by a continuation of the pipe-engaging portion of said hook.

In testimony whereof we affix our signatures in presence of two witnesses.

EDGAR K. DAY.
MARTIN L. HUNKER.

Witnesses:
HENRY P. ROSE,
GEO. E. WILKINSON, Jr.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."