

(No Model.)

J. H. ELLER.
CONDUCTOR PIPE FASTENER.

No. 518,943.

Patented May 1, 1894.

Fig. 1

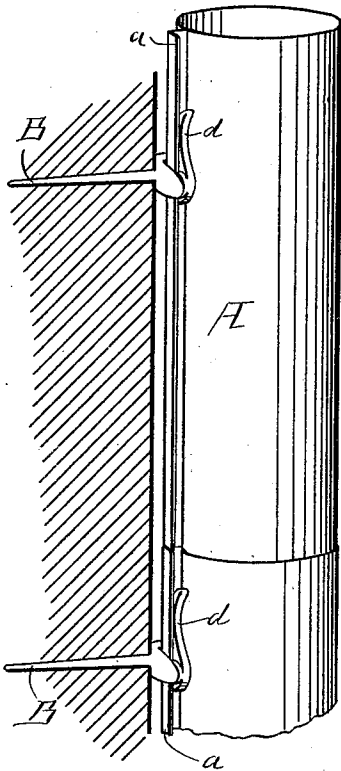


Fig. 2.

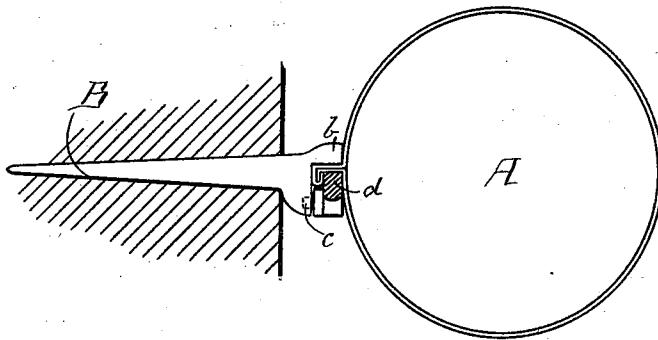


Fig. 3.

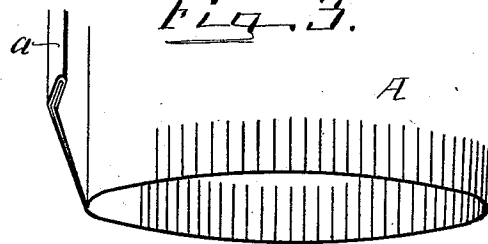


Fig. 4.

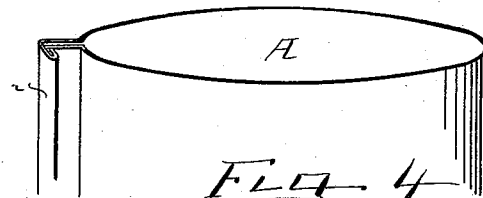


Fig. 5.

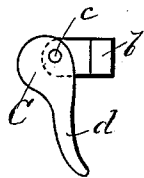


Fig. 6.

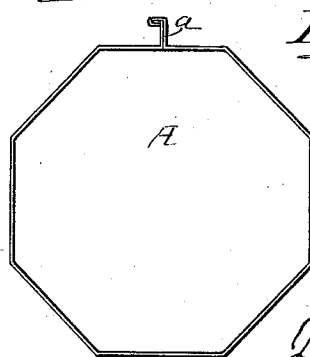
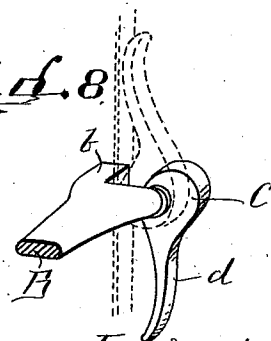


Fig. 7.



Fig. 8.



Witnesses.

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UNITED STATES PATENT OFFICE.

JAMES H. ELLER, OF CANTON, OHIO.

CONDUCTOR-PIPE FASTENER.

SPECIFICATION forming part of Letters Patent No. 518,943, dated May 1, 1894.

Application filed January 4, 1894. Serial No. 495,618. (No model.)

To all whom it may concern:

Be it known that I, JAMES H. ELLER, a citizen of the United States, residing at Canton, in the county of Stark and State of Ohio, have invented certain new and useful Improvements in Conductor-Pipe Fasteners; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters of reference marked thereon, in which—

Figure 1, is a view, showing a portion of a conductor pipe properly attached. Fig. 2, is an end view of the conductor pipe, showing the fastener properly applied to the pipe. Figs. 3 and 4, are views, showing the joint ends of two pipe sections. Fig. 5 is a transverse section of an octagonal pipe. Fig. 6, is an end view of the spike, showing the eccentric placed in position to receive the flange of the pipe. Fig. 7, is an end view of the spike, showing the eccentric in position to hold or engage the flange of a pipe. Fig. 8, is a perspective view, showing a portion of the spike, and its eccentric.

The present invention has relation to conductor pipe fasteners, and it consists in the different parts, and combination of parts hereinafter described, and particularly pointed out in the claim.

Similar letters of reference indicate corresponding parts in all the figures of the drawings.

In the accompanying drawings A, represents the pipe sections, which may be formed of any desired length and size or shape, and as shown said pipe sections are provided with the L shaped flanges *a*, which flanges are formed by bending a portion of the extended metal composing the pipe substantially at right angles as illustrated in the drawings thereby providing an extended flange, which extended flange is for the purpose hereinafter described. The spike B is formed of such a size, that when driven into a wall, it will securely hold the pipe in proper position.

The outer end of the spike B, is provided with the driving head *b*; to one side of which driving head is located the eccentric C, which eccentric is held in proper position by means of the rivet *c* or its equivalent. The eccen-

tric C, is provided with the arm *d*, which arm is substantially of the form shown in the drawings.

In use the spikes B are driven into the wall and the arms *d*, and the eccentrics C, placed into the position illustrated in Fig. 6, which position forms an opening or space between the eccentric and the driving head of sufficient width to allow the right angled portion of the L shaped flange to be placed between the driving head and the eccentric. After the pipe proper has been placed in the desired position with reference to the spikes B, and their eccentrics, the arms *d* are turned upward, thereby bringing the eccentric against the face of the flange and under the right angled portion of said flange, thereby securing the pipe to the spikes.

It will be understood, that by my peculiar arrangement I am enabled to easily remove old conductor pipes from the fasteners proper, and attach new pipe thereto, without disturbing the spikes B.

For the purpose of causing the eccentric C to properly clamp the L shaped flange, the arm of said eccentric is so located that it will be above or on top of the eccentric, at the time the locking face of the eccentric is brought into contact with the flange; by which arrangement any downward movement of the conductor pipe will cause the eccentric to be automatically forced against the flange, and thereby prevent any accidental displacement of the conductor pipe.

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

In a conductor pipe fastener, the combination of pipe sections provided with L shaped flanges, the spikes B, provided with driving heads located at one side of the eccentrics, and the eccentrics, pivoted to the spikes, and provided with arms, all arranged substantially as and for the purpose specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JAMES H. ELLER.

Witnesses:

F. W. BOND,
E. A. C. SMITH.