

M. H. BODLEY & F. T. KLEFFMAN.

GROUNDING CLAMP.

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996,606.

Patented July 4, 1911.

Fig. 1.

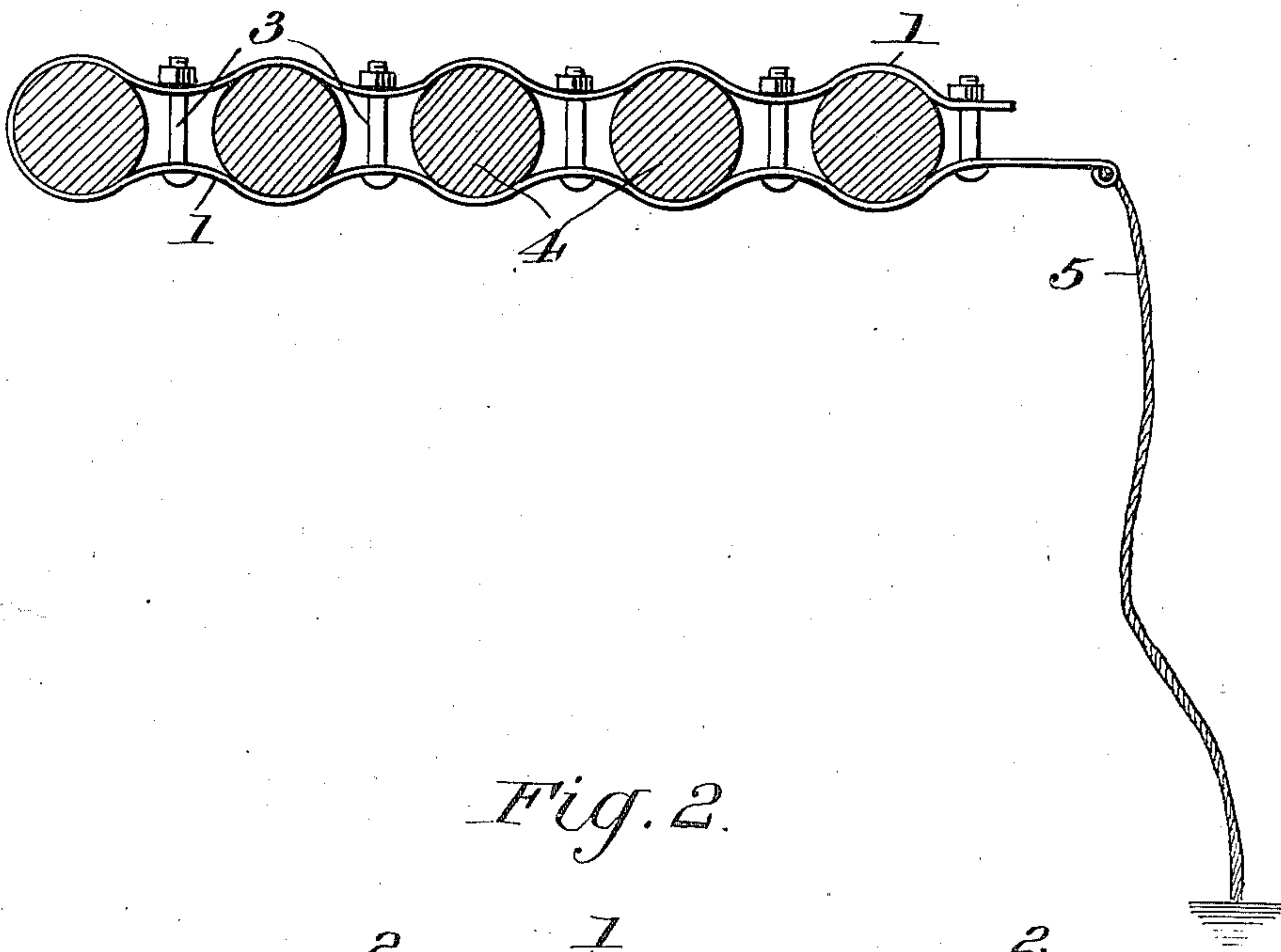
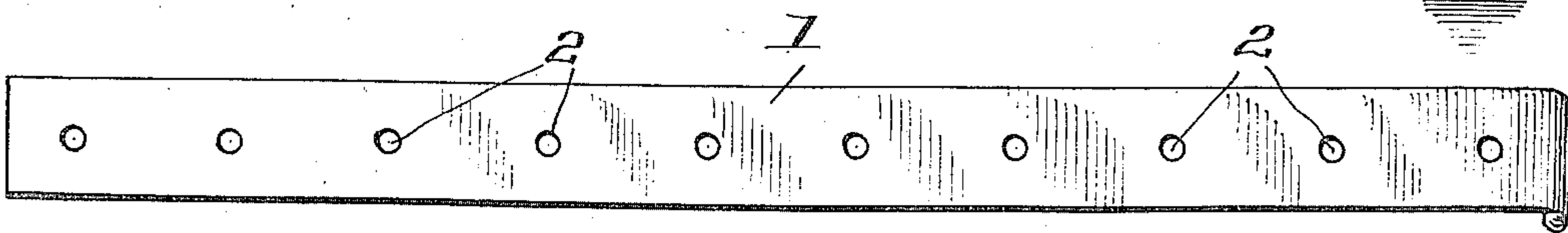


Fig. 2.



Witnesses

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UNITED STATES PATENT OFFICE.

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GROUNDING-CLAMP.

996,606.

Specification of Letters Patent.

Patented July 4, 1911.

Application filed November 21, 1910. Serial No. 593,570.

To all whom it may concern:

Be it known that we, MARK H. BODLEY and FRANK T. KLEFFMAN, citizens of the United States, residing at Altoona, in the county of Blair and State of Pennsylvania, have invented certain new and useful Improvements in Grounding-Clamps; and we 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 appertains to make and use the same.

This invention relates to improvements in grounding clamps for attaching to conduits or the like.

The simplicity is evident, in that it is made of one continuous strip of metal and may be cut in the desired lengths for embracing the required number of wires or conduits. Because of the absence of projecting parts, it is neat in appearance and easily covered with plaster.

In many types of ground connections, separate units are used to embrace each conduit, thus necessitating a soldered joint between each one, while in this device the only soldered connection necessary is in fastening the ground wire to the connecting strip.

With the above and other objects in view, the invention resides in the novel features of construction, formations, combinations and arrangement of parts to be hereinafter more fully described, claimed and illustrated in the accompanying drawings, in which—

Figure 1 is a top elevation of the device as applied to a series of conduits, and Fig. 2 is a side elevation of a portion of the strip ready for use.

Referring to the drawings, 1 represents a

strip of metallic conductor, made of some suitable material such as copper, and having holes 2 punched at regular intervals. The strip may be made in any convenient length, and cut off to the desired lengths as required. The strip is bent in substantially U-shaped form, so as to surround the conduits or wires to be grounded, and the bolts 3 passed through the holes spaced between the conduits and tightened, thus squeezing the conduits or wires 4 and giving a good electrical connection. One end of the strip is curved around so as to embrace the end of a ground wire 5, which is then soldered in place. The same size strip may be adapted to any size wire or conduit, and by cutting to the proper length made to embrace any number of wires or conduits and provide an exceedingly cheap and efficient ground connection.

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

A ground clamp consisting of a continuous U-shaped strip of sheet metal, a plurality of bellied recesses formed therein for the reception of wires, oppositely formed apertures in the upper and lower portion and between the bellied portion of said strip, bolts extending through said apertures for connecting the said portions, and means for connecting the wire to the end of the lower portion, substantially as described.

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

MARK H. BODLEY.

FRANK T. KLEFFMAN.

Witnesses:

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