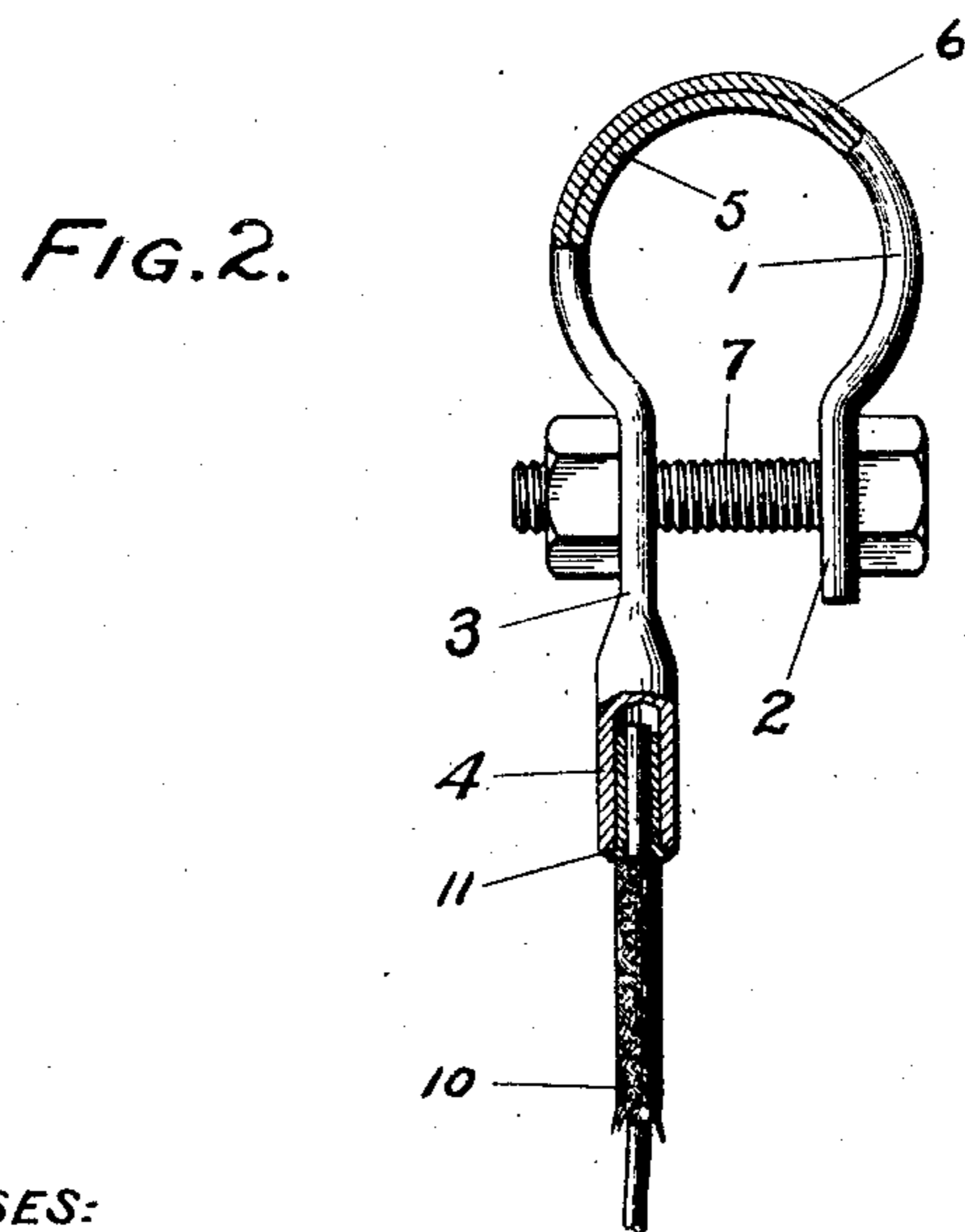
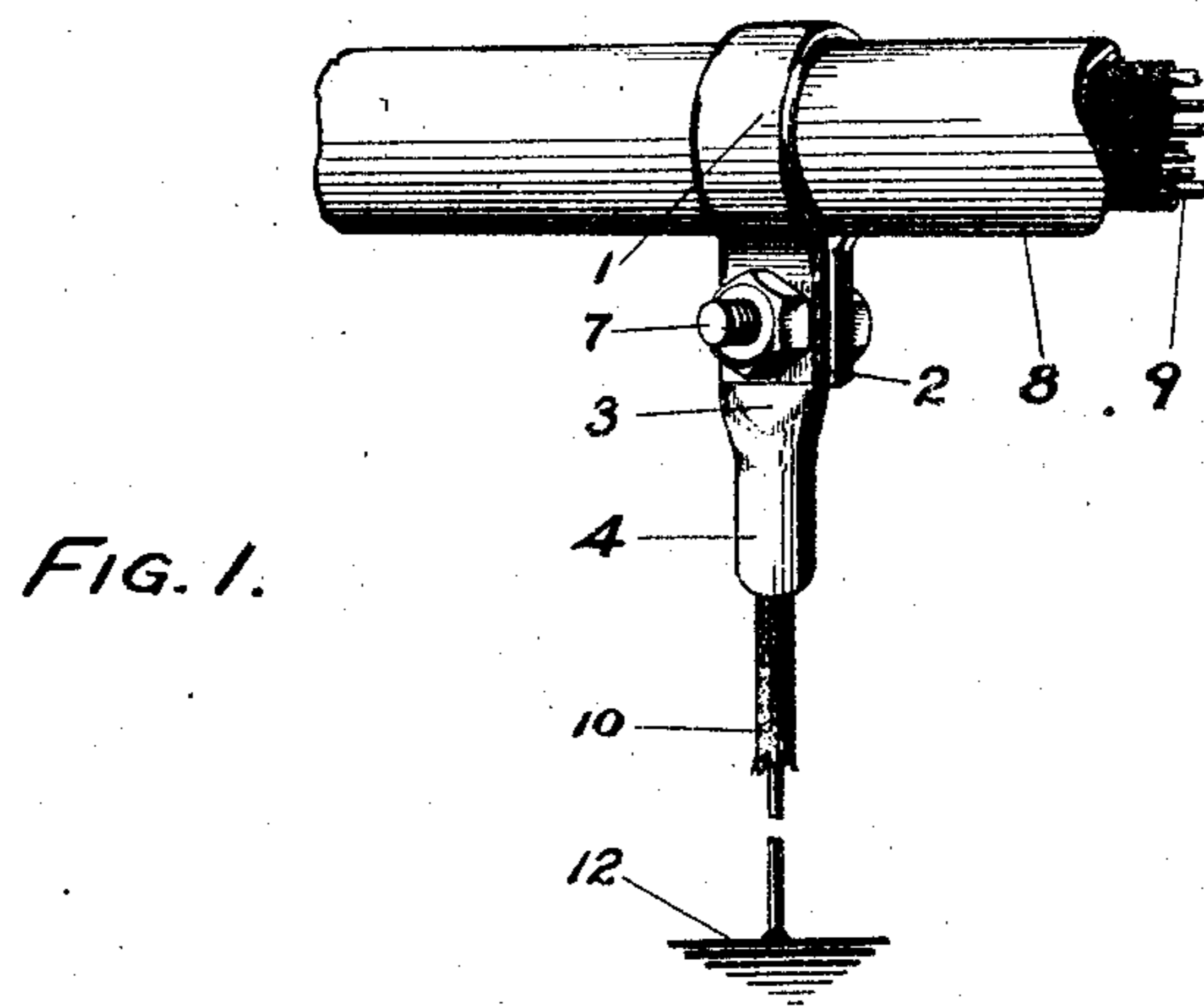


P. E. GILLING.
ELECTRICAL CONNECTOR.
APPLICATION FILED MAR. 20, 1906.

905,812.

Patented Dec. 1, 1908.



WITNESSES:
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UNITED STATES PATENT OFFICE.

PRESTON E. GILLING, OF CAMDEN, NEW JERSEY, ASSIGNOR TO NOVELTY ELECTRIC COMPANY, OF PHILADELPHIA, PENNSYLVANIA, A CORPORATION OF PENNSYLVANIA.

ELECTRICAL CONNECTOR.

No. 905,812.

Specification of Letters Patent.

Patented Dec. 1, 1908.

Application filed March 20, 1906. Serial No. 307,076.

To all whom it may concern:

Be it known that I, PRESTON E. GILLING, a citizen of the United States, residing at Camden, in the county of Camden and State of New Jersey, have invented an Improved Electrical Connector, of which the following is a specification.

This invention is an electrical connector having flexible means for clamping it to a conduit or the like and means for engaging it to a wire, in close, effective and secure mechanical and electrical relation. In its preferred construction it is formed from a piece of tubing of suitable conducting material, by flattening or pressing together the sides of the tube excepting an end section and bending the flattened portion to the form of a loop having projections turned out therefrom for drawing it up, with an open socket for a wire in a terminal of one of the projections.

It is an object of the invention to provide a one-piece, jointless connection between a structure such as a conduit and a conductor such as a wire, so that the clamping portion of the connector can be drawn up by a bolt to close conformation with the conduit and the socket of the connector can have a wire soldered therein, whereby electrical leakage can be collected and carried off to a ground.

In the accompanying drawings, Figure 1 represents a perspective view of the invention clamped to a conduit containing electric wires and fixed to a ground wire, and Fig. 2 is a side view of the invention with portions broken away to show the construction.

The device comprises the flexible loop 1

having the outwardly turned projections 2 and 3 with the terminal socket 4 on the projection 3, the clamping portion comprised in the parts 1, 2 and 3 being formed of the laminations 5 and 6 joined at their edges by flattening a section of tubing and leaving an open terminal to form a socket.

A bolt 7 is passed through the projections or lugs 2 and 3 to draw them up and clamp them in close relation to a conduit or covering 8 for conductors 9, the flexible character of the loop permitting it to adjust itself in close conformation and form a perfect electrical connection for carrying off electrical leakage. A wire 10 is set in the socket 4 and connected in close and secure mechanical and electrical relation by means of solder 11, the other end of the wire being connected with a ground 12 of any suitable character.

Having described my invention I claim:

1. A connector comprising a laminated elastic loop with projections for clamping it, one of said projections having a terminal with a socket therein extending beyond the other projection, a conduit upon which said loop is clamped, and a conductor set in said socket.

2. A connector comprised of a piece of tubing having a section thereof flattened and bent in a loop to form a clamp with a terminal having a socket therein.

In witness whereof I have hereunto affixed my name in the presence of the subscribing witnesses, this 19th day of March, A. D. 1906.

PRESTON E. GILLING.

Witnesses:

ROBERT JAMES EARLEY,
JAS. G. DENNY, Jr.