No. 741,605. PATENTED OCT. 13, 1903.

H. R. YOUNG.

ELECTRIC TERMINAL.

APPLICATION FILED NOV. 19, 1902.

NO MODEL.

Fig. 1.

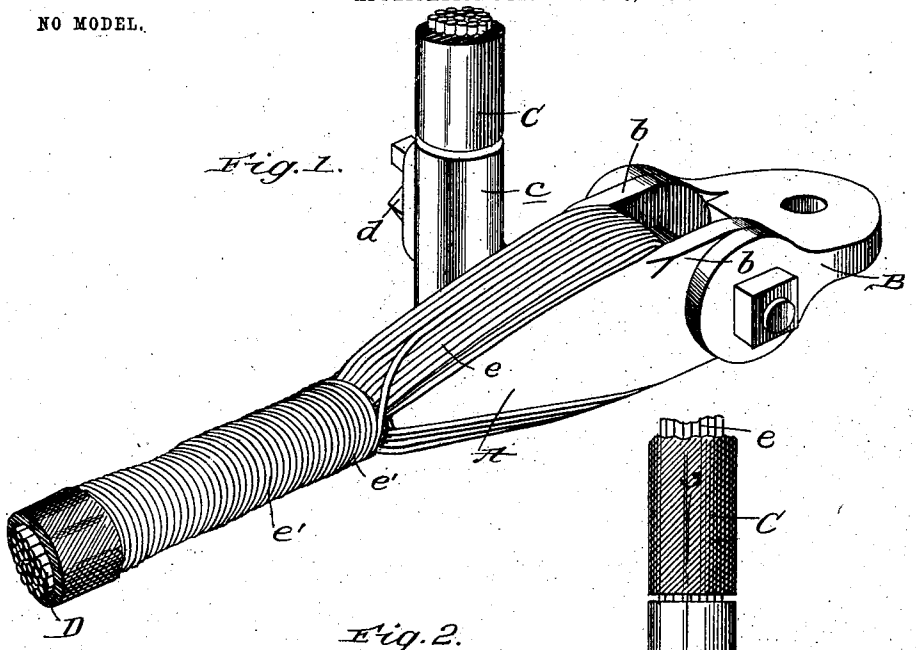


Fig. 2.

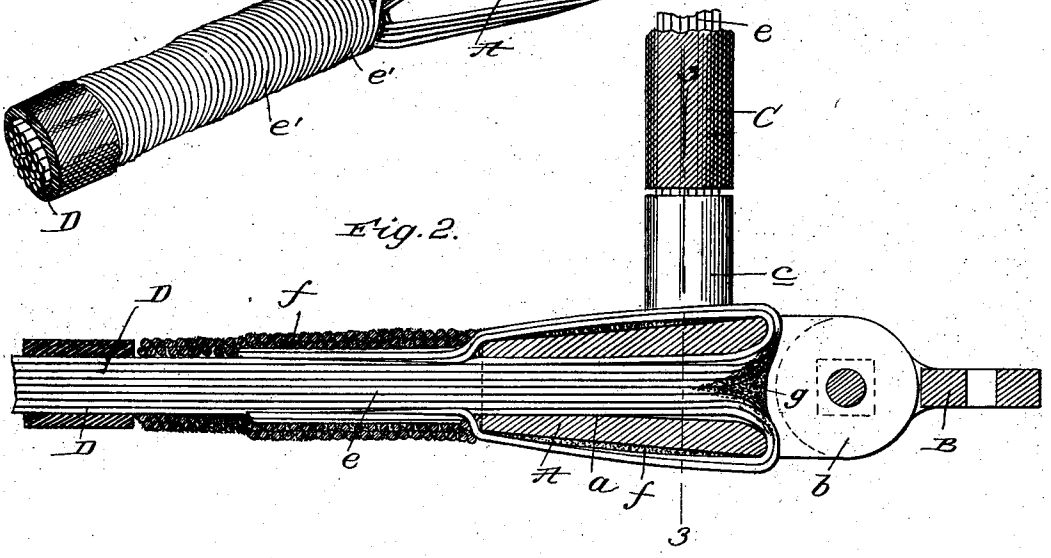
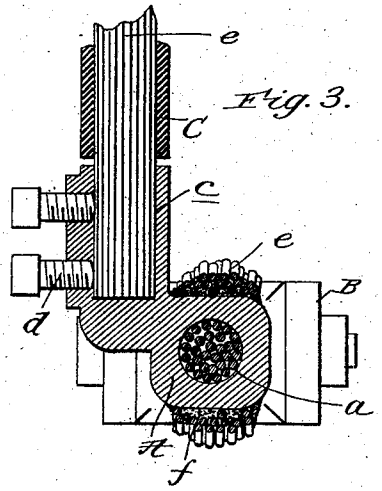


Fig. 3.



Witnesses

E. L. Racine

N. C. Healy

Inventor

Henry R. Young.

by James J. Shuchy

Attorney.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

No. 741,605. Patented October 13, 1903.

UNITED STATES PATENT OFFICE.

HENRY R. YOUNG, OF NEW ORLEANS, LOUISIANA.

ELECTRIC TERMINAL.

SPECIFICATION forming part of Letters Patent No. 741,605, dated October 13, 1903.

Application filed November 19, 1902. Serial No. 131,993. (No model.)

To all whom it may concern:

Be it known that I, HENRY R. YOUNG, a citizen of the United States, residing at New Orleans, in the parish of Orleans and State of Louisiana, have invented new and useful Improvements in Electric Terminals, of which the following is a specification.

My invention relates to electric terminals, and has for its object to provide a safe and durable dead-end terminal designed more especially for use in conjunction with heavy feed overhead cables and one which is adapted to be readily connected to a cable and which is so constructed that the connection can be repaired with great facility and with but little danger when necessary.

The invention will be fully understood from the following description and claims when taken in connection with the accompanying drawings, in which—

Figure 1 is a perspective view of my improved terminal; Fig. 2, a longitudinal vertical section taken through the body of the terminal, and Fig. 3 a transverse section taken in the plane indicated by the line 3 3 of Fig. 2.

Similar letters of reference designate corresponding parts in all of the views of the drawings, referring to which—

A is the body of my improved terminal, which is preferably cast of brass and is hollow throughout its length, as indicated by *a*. The said body is provided at one end with apertured lugs *b* and at one side with a lateral socket *c*, the latter being equipped with one or more set-screws *d*.

B is a clevis, preferably of brass, pivotally connected to the lugs *b* of body A and designed to be connected to an insulator, (not shown;) C, a cable held in the socket *c* by the set-screws *d*, and D a cable made up of a plurality of wires *e*. The said cable is passed through the hollow body of the terminal toward the clevis B, and its wires *e* are bent longitudinally backward over the body and secured to the main portion of the cable in rear of the body. The wires are preferably secured at the point stated by one of the wires, which is wrapped about the others, as indicated by *e'* and best shown in Fig. 1, and a covering *f*, of solder. A mass of solder *g* is also, preferably, placed in the forward end of the body A subsequent to the arrangement of the cable therein, this latter in order to exclude moisture from the wires in the body.

The arrangement of the socket *c* at the side of the body permits of the wires *e* being conveniently bent backward over the body, as described.

In virtue of the construction of my improved terminal it will be observed that a cable may be expeditiously and strongly connected thereto, also that the solder used in securing the cable to the terminal is located back of the terminal-body, where it cannot be reached by excessive heat. The latter is materially advantageous, since it precludes melting of the solder and casual disconnection of the cable from the terminal.

I have entered into a detailed description of the construction and relative arrangement of the parts embraced in the present and preferred embodiment of my invention in order to impart a full, clear, and exact understanding of the same. I do not desire, however, to be understood as confining myself to such specific construction and arrangement of parts, as such changes or modifications may be made in practice as fairly fall within the scope of my invention as claimed.

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

1. An electric terminal comprising a hollow body open at its opposite ends, and having apertured lugs at one end, and also having a lateral socket provided with one or more set-screws, and a clevis connected to the apertured lugs of the body.

2. In an electrical connection, the combination of a hollow body open at its opposite ends, and having apertured lugs at one end, and also having a lateral socket provided with one or more set-screws, a cable secured

in said socket, a clevis connected to the lugs of the body, and a cable made up of a plurality of wires; said cable being passed through the hollow body, and the wires being bent longitudinally backward over the body, and secured to the main portion of the cable in rear of the body.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

HENRY R. YOUNG.

Witnesses:
C. A. KILO,
ROBT. MCDOWELL.