

No. 706,599.

Patented Aug. 12, 1902.

T. ROSATI.  
ELECTRIC CABLE.

(Application filed Jan. 30, 1901.)

(No Model.)

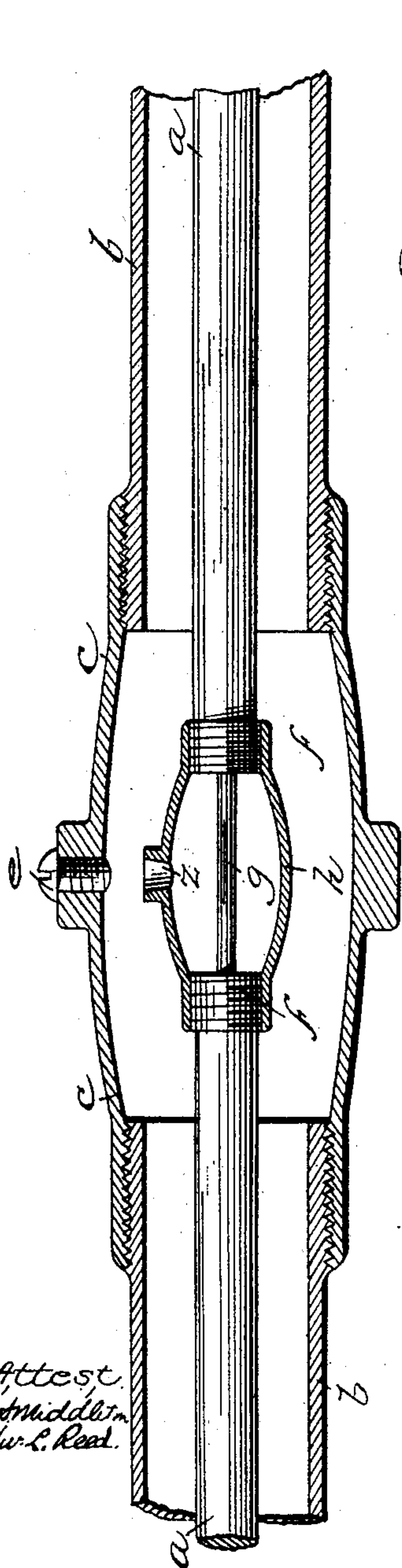


Fig. 1.

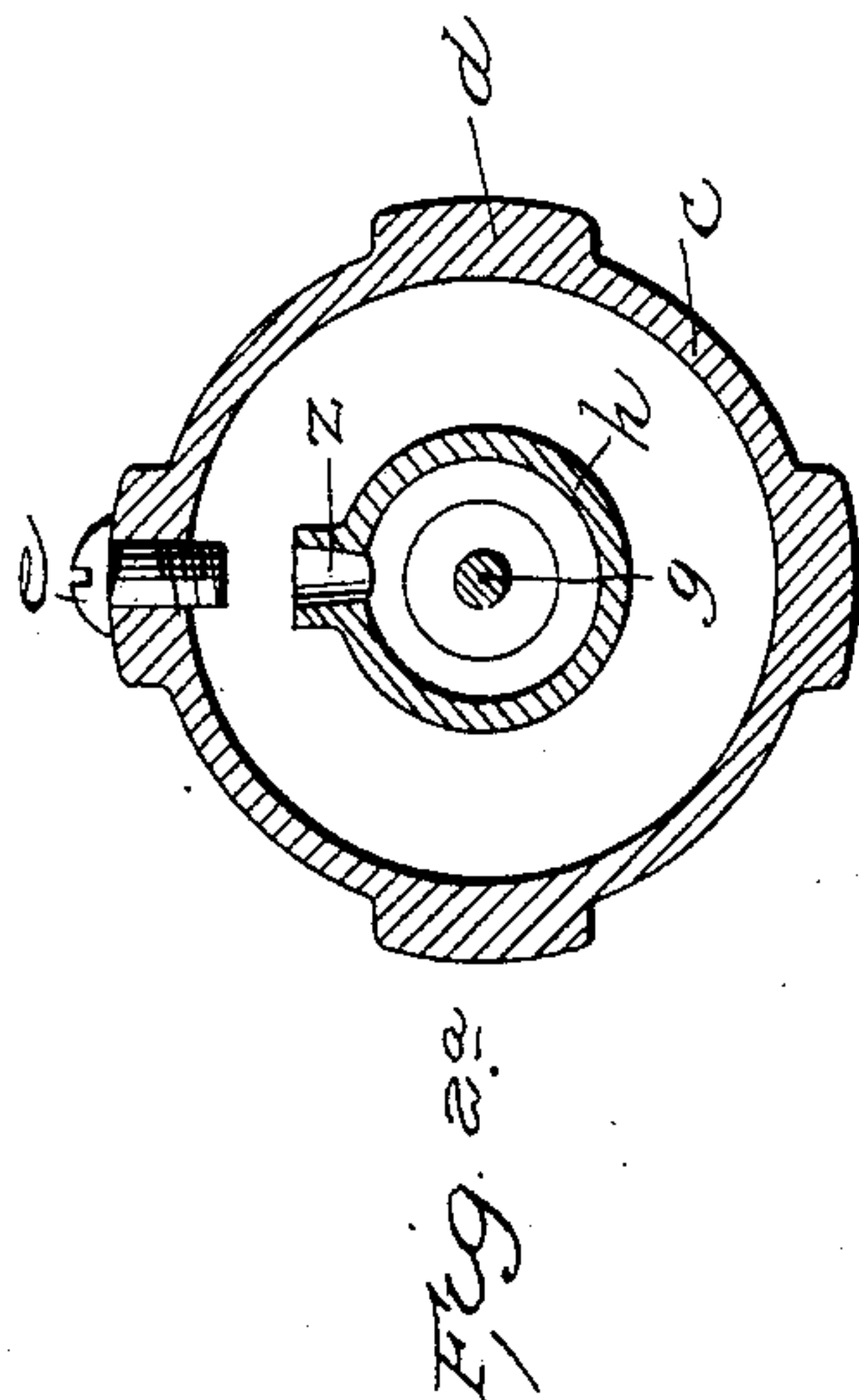


Fig. 2.

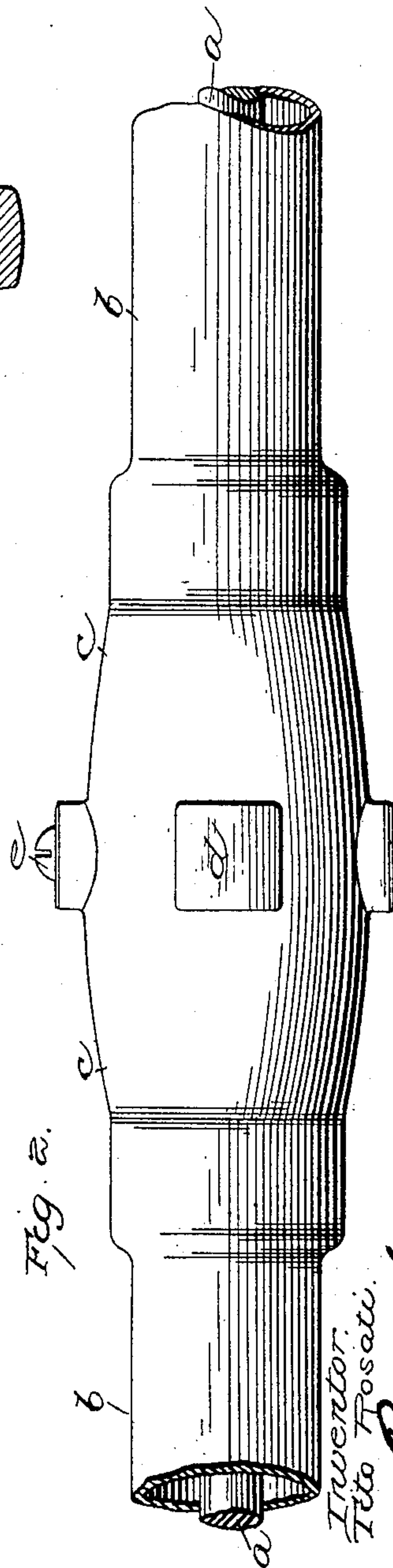


Fig. 3.

Attest.  
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TITO ROSATI, OF FLORENCE, ITALY.

## ELECTRIC CABLE.

SPECIFICATION forming part of Letters Patent No. 706,599, dated August 12, 1902.

Application filed January 30, 1901. Serial No. 45,386. (No model.)

*To all whom it may concern:*

Be it known that I, TITO ROSATI, a subject of the King of Italy, and a resident of Florence, Italy, have invented certain new and useful  
5 Improvements in Electric Cables, of which the following is a specification.

My invention relates more particularly to cables having surrounding sheaths or protectors; and the object of the invention is to  
10 provide an improved form of coupling for connecting the sections of the conductor and its encircling sheath or tube.

The invention is illustrated in the accompanying drawings, in which—

15 Figure 1 is a longitudinal section; Fig. 2, an elevation, and Fig. 2<sup>a</sup> a cross-section.

In the drawings, *a* indicates the conductor, and *b* the sheath or protector, which consists of a metallic tube formed in sections corresponding approximately in number and  
20 length to the sections *a* of the conductor. The adjoining ends *f* of the conductor are threaded and are engaged by a small copper rod *g* and a tubular coupling-sleeve *h*, having  
25 its ends threaded to engage the ends of the

conductor-sections. A large sleeve *c* encircles the inner sleeve and in like manner connects the adjoining ends of the tubes *b*. An opening is provided in this outer sleeve, closed by a screw-plug *e*, and this opening 30 aligns with an opening *z* in the inner sleeve, through which a suitable filling material may be introduced.

I declare that what I claim is—

In combination an inner cable composed of 35 sections, hollow coupling-sleeves connecting the ends of said sections and having an opening therein, tube-sections encircling said cable-sections and having couplings connecting the adjoining ends thereof, said outer coupling-sleeves having an opening alining with 40 the opening in the inner coupling-sleeve and means for closing said opening, substantially as described.

In witness whereof I have hereunto set my 45 hand in presence of two witnesses.

TITO ROSATI.

Witnesses:

EUGENIO BECCHINI,  
SPIRITO BERNARD.