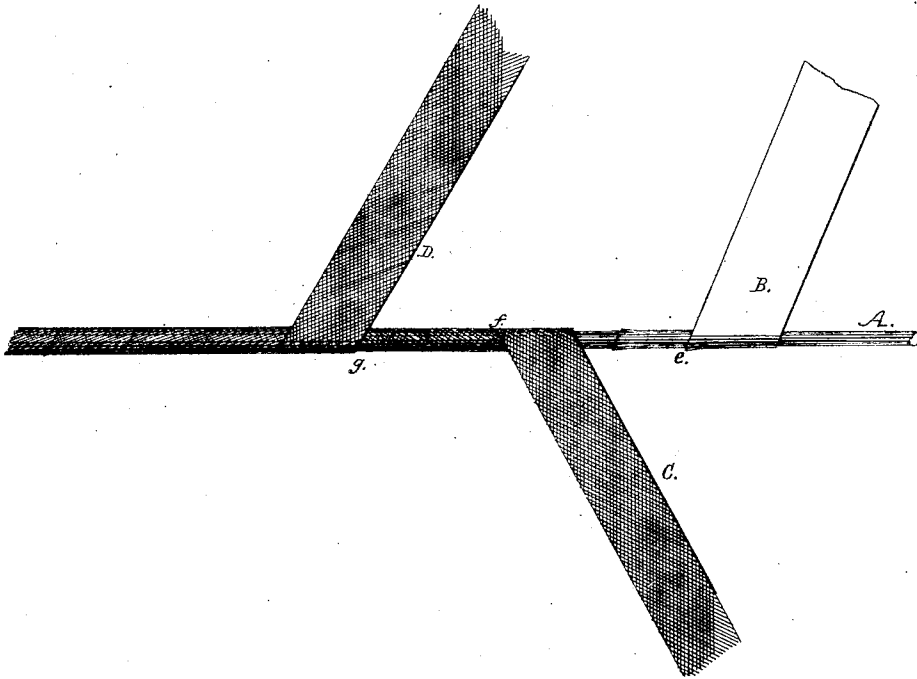


(No Model.)

J. SCHINNELLER.
Insulating Wire, Cord or Cable for Electrical Purposes.

No. 240,772.

Patented April 26, 1881.



WITNESSES:

A. C. Johnston
C. H. Campbell

INVENTOR

Jacob Schinneller,
By J. J. Johnston,
his
ATTORNEY

UNITED STATES PATENT OFFICE.

JACOB SCHINNELLER, OF PITTSBURG, PENNSYLVANIA.

INSULATING WIRE, CORD, OR CABLE FOR ELECTRICAL PURPOSES.

SPECIFICATION forming part of Letters Patent No. 240,772, dated April 26, 1881.

Application filed September 17, 1880. (No model.)

To all whom it may concern :

Be it known that I, JACOB SCHINNELLER, of Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Improvement in Insulating Wire, Cord, and Cable for Electric Purposes; and I do hereby declare that the following is a full and exact description thereof, reference being had to accompanying drawing, and to the letters of reference marked thereon.

My invention relates to an improvement in means for insulating wire, cords, and cable used for electric purposes; and it consists in covering said wire, cord, or cable with a flexible covering of woven or knitted glass.

To enable others skilled in the art with which my invention is most nearly connected to make and use it, I will proceed to describe its construction and operation.

In the accompanying drawing, which forms part of my specification, A represents a piece of telegraph-wire.

B represents a ribbon of india-rubber or its equivalent.

C D represent ribbons of woven or knitted glass.

The wire A is wrapped with the ribbon B, of india-rubber, with its edge overlapping, as shown at *e*, and this ribbon B is covered with a ribbon, C, of woven or knitted glass, with its edge overlapping, as shown at *f*; and this second ribbon, C, is covered with a ribbon, D, of woven or knitted glass, with its edge overlapping, as shown at *g*.

The wire and ribbons herein mentioned and shown may be of any desired length, and may be wound on reels for convenience of manipulation and facility for transportation.

The ribbons B C D may, by suitable plaiting mechanism, be plaited upon the wire A; but as I propose making such mechanism the subject of another application for Letters Patent, I will not describe it in this application.

In the operation of covering the wire A, resinous matter of an unconducting quality as to electricity may be combined with the ribbons of india-rubber and glass for covering the wire, cord, or cable; but I wish it distinctly understood that I do not confine my invention to such combination.

Having thus described my invention, what I claim as of my invention is—

1. A wire, cord, or cable covered with a flexible ribbon or ribbons of woven or knitted glass, substantially as herein described, and for the purpose set forth.

2. A wire, cord, or cable covered with a ribbon of india-rubber and a flexible ribbon or ribbons of woven or knitted glass, substantially as herein described, and for the purpose set forth.

JACOB SCHINNELLER.

Witnesses:

A. C. JOHNSTON,
JAMES J. JOHNSTON.