No. 706,567. Patented Aug. 12, 1902.

T. P. JONES.

TELEPHONE CABLE CONNECTION.

(Application filed June 27, 1901.)

(No Model.)

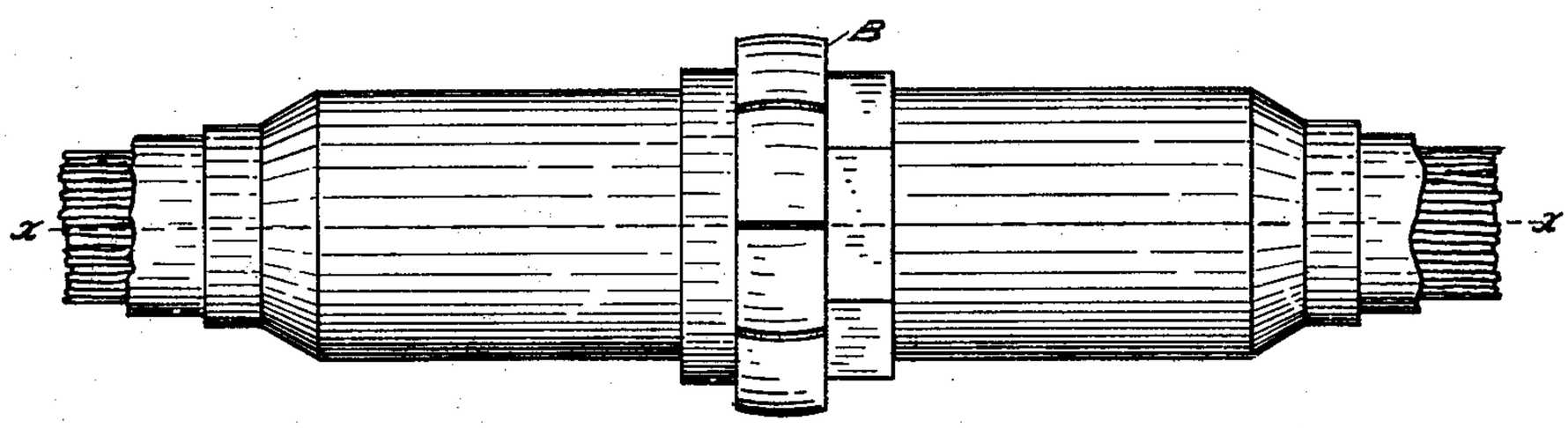

Fig. 1.

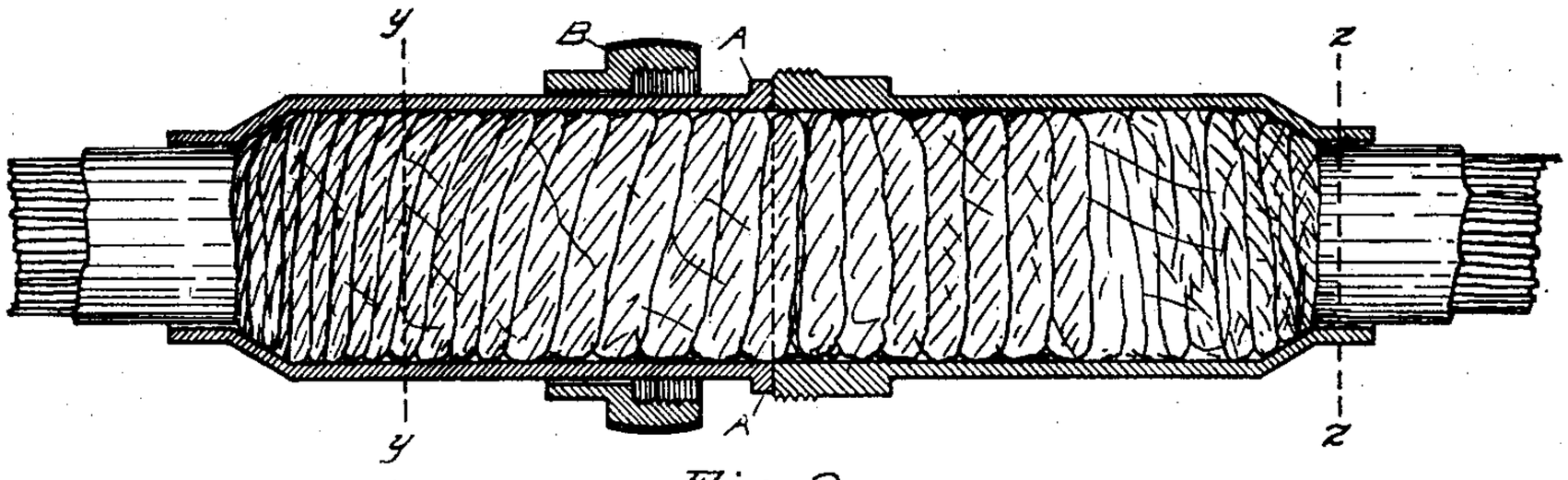

Fig. 2.

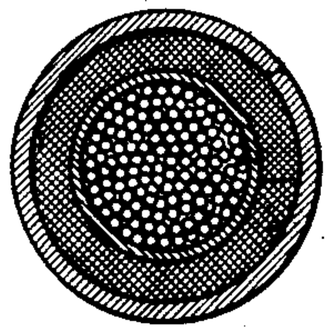

Fig. 3.

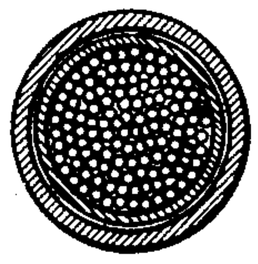

Fig. 4.

WITNESSES:
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TELEPHONE-CABLE CONNECTION.

SPECIFICATION forming part of Letters Patent No. 706,567, dated August 12, 1902.

Application filed June 27, 1901. Serial No. 66,261. (No model.)

To all whom it may concern:

Be it known that I, THOMAS P. JONES, a citizen of the United States, residing at Olyphant, in the county of Lackawanna and State of Pennsylvania, have invented a new and useful Telephone-Cable Connection or Union, of which the following is a specification.

My invention relates to improvements in connections for cables, especially telephone-cables where a plurality of wires are inclosed in an outer casing for the purpose of protecting and excluding moisture from the same; and the objects of my invention are, first, to provide a rapid method for connecting telephone-cables; second, to afford facilities for repairing wires where connected when necessary, and, third, to make a more rigid and durable connection than the method commonly used and also provide for disconnecting cable when desired. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is an elevation showing my union or connection in position on cable after wires have been connected, wrapped, and nut of union screwed home to position. Fig. 2 is a longitudinal section on the line $x\ x$, showing my method of wrapping the spliced wires. Fig. 3 is a vertical section on the line $y\ y$, showing arrangement of the several parts. Fig. 4 is a vertical section on the line $z\ z$.

Similar letters refer to similar parts throughout the several views.

The main portion or body part consists of two parts or halves connected in the following manner: The collar A, which is a part of one of the main portions, acts as a guide or stop for the nut B, which engages with the threaded portion of the opposite portion or half of the body part. Before the wires of the cable are spliced one-half of the union or body part is slipped upon each end of the cable, which is then spliced in the usual manner. The cable is then covered or wrapped with waterproof paper or other covering of sufficient quantity to completely fill the space within the body part of the union, when the nut B is screwed home, compressing the covering or wrapping, making a solid air-tight joint.

It will be noted that the collar A is in abutting engagement with the exteriorly-threaded collar carried by the adjacent part or half. The nut B is slidably mounted on one of the parts or halves and has an enlarged interiorly-threaded recess therein which is engaged by the threaded collar. The covering at its ends is engaged by the contracted portions carried by the outer ends of the parts, effectually preventing any longitudinal movement of said covering.

What I claim as my invention, and wish to secure by Letters Patent, is—

In a device of the character described, the combination of a casing comprising two tubular parts adapted to receive the spliced wires and contracted portions on the outer ends of the tubular parts, of a covering wrapped around the wires and occupying the space between the wires and the interior of the tubular parts, and means carried by the tubular parts whereby the other ends thereof may be brought together and the covering compressed, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

THOMAS P. JONES.

Witnesses:
JOHN J. MANNING,
B. W. SPENCER.