

No. 705,073.

Patented July 22, 1902.

M. GROVER.

DEVICE FOR PREVENTING HUMMING OF TELEPHONE WIRES.

(Application filed Sept. 6, 1901.)

(No Model.)

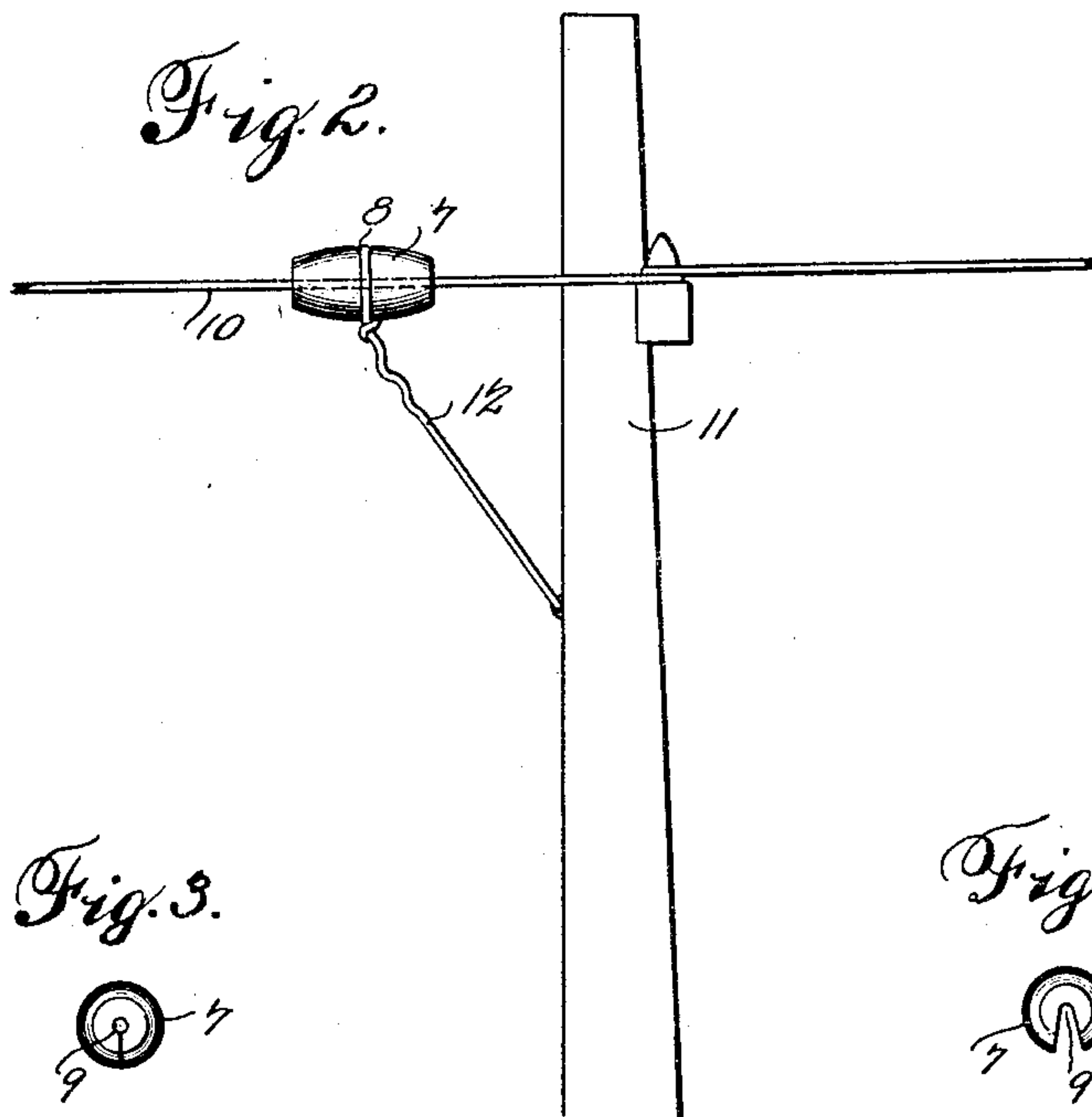
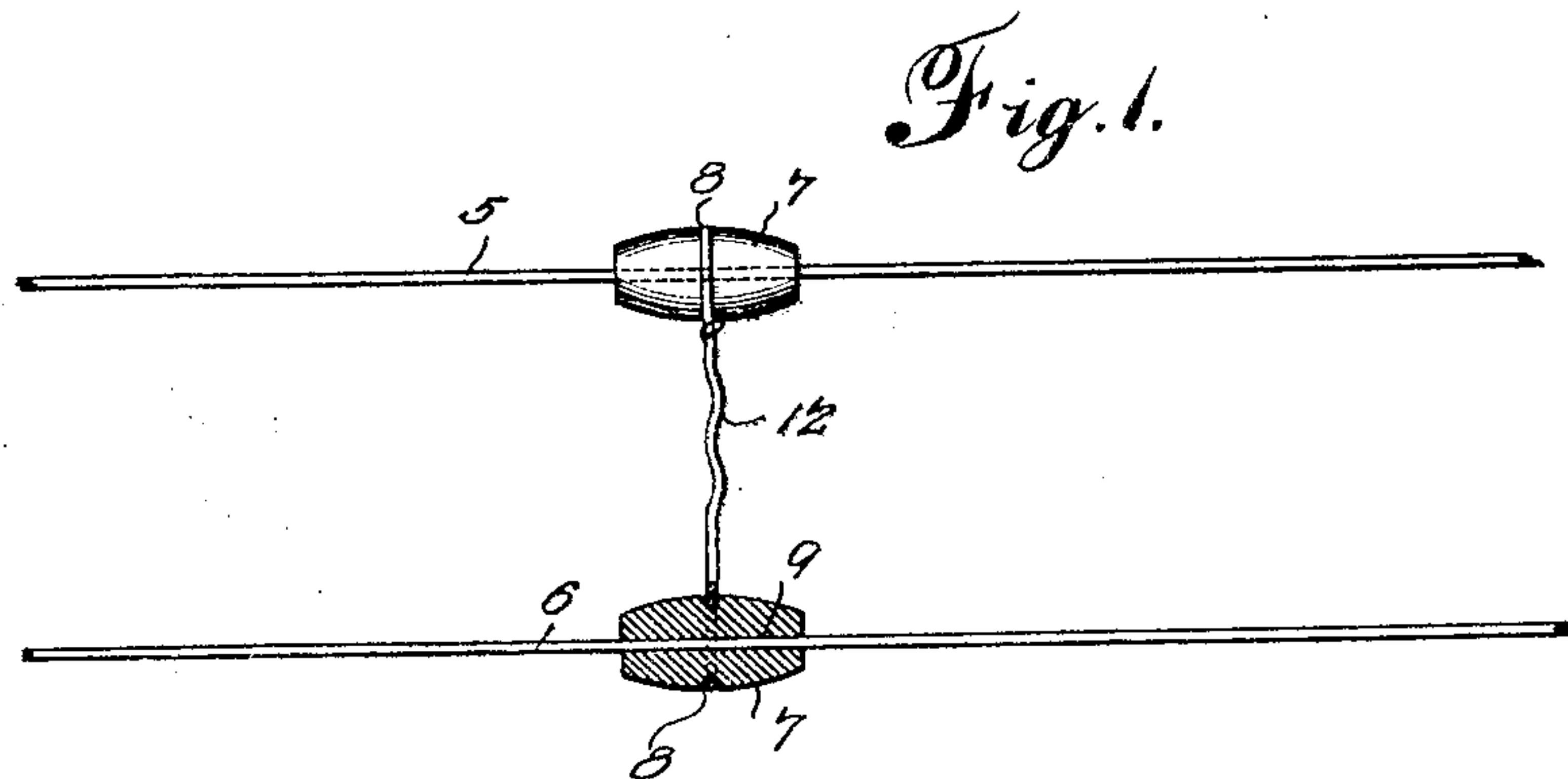


Fig. 3.



Fig. 4.



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UNITED STATES PATENT OFFICE.

MASON GROVER, OF BIDWELL, OHIO.

DEVICE FOR PREVENTING HUMMING OF TELEPHONE-WIRES.

SPECIFICATION forming part of Letters Patent No. 705,073, dated July 22, 1902.

Application filed September 6, 1901. Serial No. 74,563. (No model.)

To all whom it may concern:

Be it known that I, MASON GROVER, a citizen of the United States, residing at Bidwell, in the county of Gallia and State of Ohio, have invented a new and useful Device for Preventing Humming of Telephone-Wires, of which the following is a specification.

This invention relates to devices for preventing humming of telephone and telegraph wires; and it has for its object to provide a device of this nature that may be easily and quickly applied to a wire, will be simple and cheap of manufacture, and will be efficient in its operation, further objects and advantages of the invention being apparent from the following description.

In the drawings forming a portion of this specification and in which like numerals of reference indicate similar parts in the several views, Figure 1 is a view showing two wires having the preventive devices thereon and mutually connected, one of the devices being shown in section and the other in elevation. Fig. 2 is a view showing a supporting-pole carrying a single wire equipped with one of the devices which is connected to the pole. Fig. 3 is an end view of the device detached. Fig. 4 is an end view showing the device in its normal position ready to be placed upon a wire.

Referring now to the drawings, and more particularly to Figs. 1, 3, and 4 thereof, there are shown two wires, 5 and 6, on which are disposed two of the devices of the present invention. Each of these devices consists of a body 7 of rubber, which is tapered from its central portion toward both ends, and midway of the ends of which is formed the exterior peripheral groove 8. A cylindrical passage 9 is formed axially through the body 7, and the body is split in a plane including the axis and from the central bore of the body outwardly through the exterior surface, so that the body may be readily applied over a wire, so that the latter will lie in the central passage thereof. When the body 7 has been thus disposed upon a wire, a piece of wire is passed around it and engaged with the pe-

ripheral groove thereof and is twisted together to hold it in place, the loop thus formed in the attaching-wire being reduced in diameter to such a point as to close the body 7 and cause the inner surface thereof to tightly impinge the wire upon which it is placed, so that displacement thereof will be presented longitudinally of such wire. Where two of these devices are employed upon mutually-adjacent wires 5 and 6, a single attaching-wire is employed, as shown, and the ends thereof are engaged with the grooves of the separate devices.

In Fig. 2 of the drawings the device is shown engaged with a wire 10, supported upon a pole 11. In this case a single wire is shown, and in that event the attaching-wire 12 is secured at its free or outer end with the pole.

It is found that with the use of this device the objectionable humming noises are prevented, and it will be understood that in practice modifications of the specific construction shown may be made and that any suitable dampering material may be used and any proportions may be observed without departing from the spirit of the invention.

What is claimed is—

1. A device of the class described comprising a split flexible body of dampering material having a passage to receive and hold a wire and with which the split communicates to permit of entrance of the wire to the passage, said body having a peripheral groove to receive an attaching-band.

2. A device of the class described comprising a body of rubber having a central axial passage to receive a wire, said body being split from the passage outwardly through its side and having a peripheral groove at a point between its ends to receive a compressing and attaching band.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

MASON GROVER.

Witnesses:

C. A. THOMPSON,
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