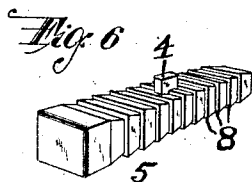
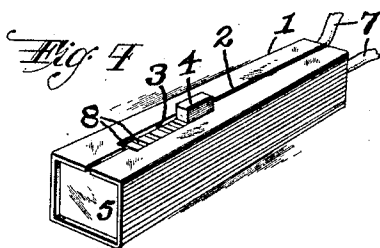
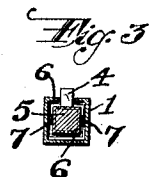
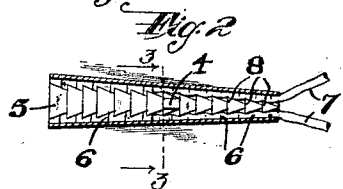
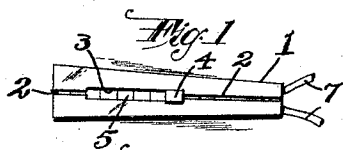


1,393,107.

J. W. FULLER.  
CONNECTING DEVICE FOR WIRES.  
APPLICATION FILED FEB. 3, 1921.

Patented Oct. 11, 1921.



Inventor:  
J. W. Fuller.  
By *E. E. Spoonman & Co.*  
his Attorneys.

# UNITED STATES PATENT OFFICE.

JESSE WATSON FULLER, OF LITTLE ROCK, ARKANSAS.

CONNECTING DEVICE FOR WIRES.

1,393,107.

Specification of Letters Patent.

Patented Oct. 11, 1921.

Application filed February 3, 1921. Serial No. 442,122.

*To all whom it may concern:*

Be it known that I, JESSE W. FULLER, a citizen of the United States, residing at Little Rock, in the county of Pulaski and State of Arkansas, have invented certain new and useful Improvements in Connecting Devices for Wires, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to a device for connecting wires, and the object of the invention is the construction of a simple and efficient device for holding a plurality of wires in a closely assembled position.

15 Another object of the invention is the construction of a device which involves a wedge member and a peculiarly-constructed casing, between which casing and wedge member a plurality of wires may be positioned for holding them in an assembled position, at the will of the operator.

20 With these and other objects in view, my invention comprises certain novel combinations, constructions and arrangements of parts as will be hereinafter described, illustrated in the accompanying drawings, and more particularly pointed out in the appended claims.

In the drawings:

30 Figure 1 is a top plan view of a device constructed in accordance with this invention.

Fig. 2 is a longitudinal, sectional view of the device, showing the wedge in side elevation.

35 Fig. 3 is a sectional view, taken on line 3—3, Fig. 2, and looking in the direction of the arrows.

Fig. 4 is a perspective view of a device constructed in accordance with the present invention.

Fig. 5 is a perspective view of another embodiment of the present invention.

45 Referring to the drawings by numerals, 1 designates a casing which is preferably formed by stamping the same from a sheet or strip of metal, the casing being split longitudinally at 2, throughout its length. The casing 1 is formed with a large slot 3 in which lug 4 of the wedge 5 is positioned.

50 The casing 1 is provided on its inner face with ridges or teeth 6, which are adapted to slightly "bite" or grip the wires 7, when

positioned between the wedge 5 and the casing 1.

The wedge 5 is provided with ridges or teeth 8 which serve to "bite" or indent the wire 7 for more efficiently gripping the same for holding said wires within the casing 1.

60 In Fig. 5, I have shown a conical-shaped casing 1<sup>a</sup> and wedge 5<sup>a</sup>, similar to the casing 1 and wedge 5.

By stamping casing 1 from a sheet of metal, it can be easily formed into the tapering square-shaped structure shown, and then the wedge can be placed within the casing, by spreading the split portion 2 slightly apart to allow the lug 4 to be positioned in the slot 3, or the casing 1 can be bent up around the wedge 5 in forming the same into its finished shape (Figs. 1 to 4).

75 This connecting device may be used to assemble different size, or gage wires together, and the device may be constructed of any suitable material.

While I have described the preferred embodiments of my invention, and have illustrated the same in the accompanying drawings, certain minor changes or alterations may appear to one skilled in the art to which this invention relates, during the extensive manufacture of the same and I, therefore, reserve the right to make such alterations or changes as shall fairly fall within the scope of the appended claims.

What I claim is:

1. In a device of the class described, the combination of a sheet-metal casing provided with teeth on its inner face and being split longitudinally throughout its length, said casing provided with an enlarged slot in its split portion, said casing tapering from one end to its other end, a wedge provided with teeth and with a lug on one side in said casing, and said lug extending into the slot and through the casing, substantially as shown and described.

2. In a device of the class described, the combination of a split casing provided with a slot in the split portion thereof, a wedge provided with a lug in said casing, and said lug positioned in and being of the same width as said slot of the casing.

In testimony whereof I hereunto affix my signature.

JESSE WATSON FULLER.