

No. 893,555.

PATENTED JULY 14, 1908.

C. F. SULLIVAN.
WIRE FASTENER.

APPLICATION FILED JAN. 29, 1908

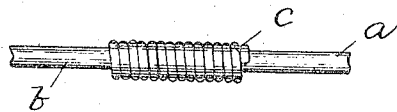


Fig. 1.

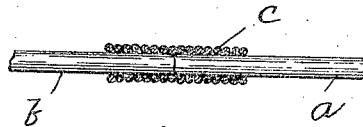


Fig. 2.

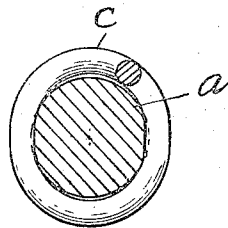


Fig. 3.

Witnesses:

H. B. Davis.
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UNITED STATES PATENT OFFICE.

CORNELIUS F. SULLIVAN, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO FRANK W. LOWE, OF BOSTON, MASSACHUSETTS.

WIRE-FASTENER.

No. 893,555.

Specification of Letters Patent.

Patented July 14, 1908.

Application filed January 29, 1908. Serial No. 413,210.

To all whom it may concern:

Be it known that I, CORNELIUS F. SULLIVAN, of Boston, county of Suffolk, State of Massachusetts, have invented an Improvement in Wire-Fasteners, of which the following is a specification.

This invention relates to a means for connecting two abutting wire end portions, and has for its object to provide a connecting means which is inexpensive, and may be easily and quickly applied, and which is perfectly secure.

For an understanding of the means which I employ in carrying out my invention, reference is made to the accompanying drawings, in which,

Figure 1 is a side elevation of my improved connecting means. Fig. 2 is a central longitudinal section thereof, and Fig. 3 is an enlarged cross section.

As shown in the drawing, two end portions *a* and *b*, either of the same wire or of two different wires, are illustrated as held in alignment with their ends abutting or in close proximity. To connect said wire end portions, I provide a coupling *c* which consists of a wire coil adapted to be slipped over the end portions of the wires *a* and *b* for a suitable distance, and to span the space therebetween, said coil being adapted to fit said end portions as closely as practicable. To secure

said coupling to the wires, so that it cannot become detached therefrom, it is subjected to a sufficiently heavy pressure at opposite sides, by placing the same in a press or by striking a blow thereon, so as to press opposite inner portions of the coil into firm engagement with opposite sides of said end portions of the wires, the coils being pressed into slightly elliptical form and slightly embedded in the wires, as shown in Fig. 3. A firm connection is thus provided which is also flexible, if flexibility is desired.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:—

A coupling for two oppositely disposed wire end portions, consisting of a coiled connecting wire with which said end portions are telescoped, the coils of said connecting wire being flattened at opposite sides and partially embedded in indentations formed in corresponding portions of said wire end portions, substantially as described.

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

CORNELIUS F. SULLIVAN.

Witnesses:

H. B. DAVIS,
L. H. HARRIMAN.