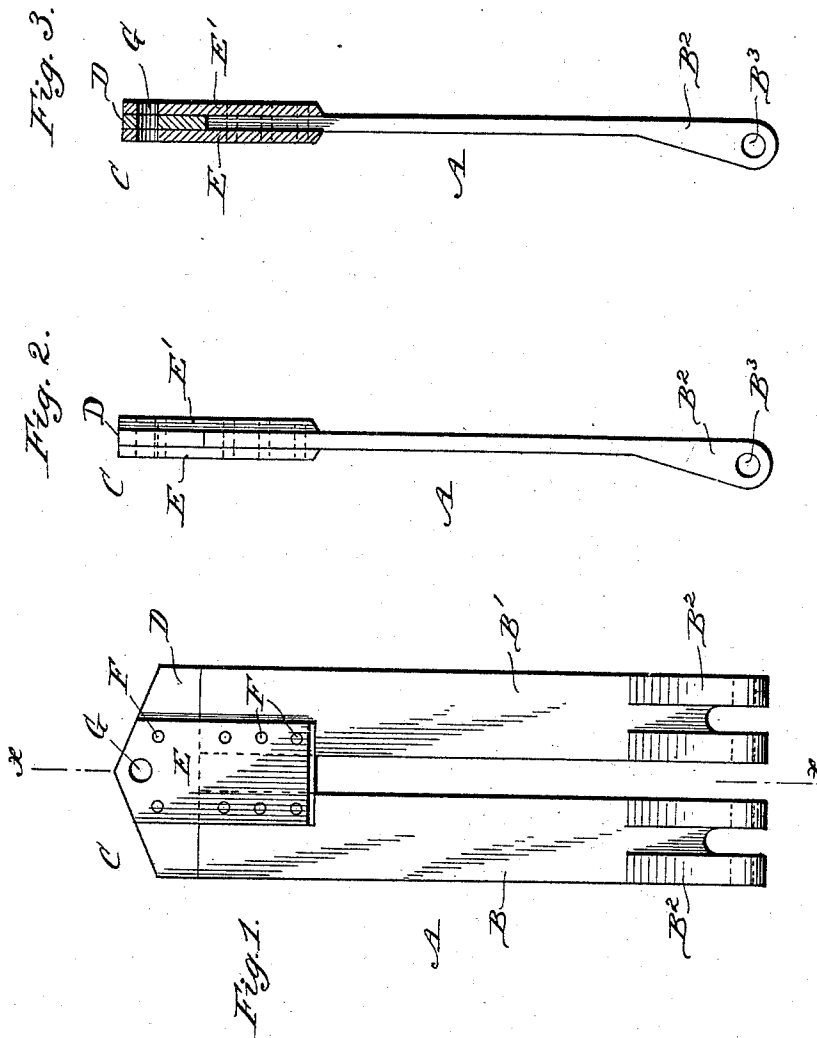


(No Model.)

V. T. LYNCH.
CENTER BAR FOR CABLE GRIPS.

No. 417,875.

Patented Dec. 24, 1889.



WITNESSES:

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VERNON T. LYNCH, OF CHICAGO, ILLINOIS.

CENTER BAR FOR CABLE-GRIPS.

SPECIFICATION forming part of Letters Patent No. 417,875, dated December 24, 1889.

Application filed October 1, 1889. Serial No. 325,661. (No model.)

To all whom it may concern:

Be it known that I, VERNON T. LYNCH, of Chicago, in the county of Cook and State of Illinois, have invented a new and Improved Center Bar for Cable-Grips, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved center bar for cable-grips which is simple and durable in construction, very cheap in manufacture, and easily repaired in case a part breaks or wears out.

The invention consists of two parallel steel bars and an iron head composed of a cross-piece extending over the ends of the said parallel bars and two iron plates placed on opposite sides of the said bars and cross-piece and riveted or otherwise fastened to the same.

The invention also consists in certain parts and details and combinations of the same, as will be described hereinafter, and then pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a front view of the improvement. Fig. 2 is a side edge elevation of the same, and Fig. 3 is a section of the same on the line *xx* of Fig. 1.

The improved center bar A for cable-grips is provided with two parallel bars B and B', preferably made of steel and each provided on one end with parallel lugs or ears B², having apertures B³, all arranged in line with each other. The parallel bars B and B' are secured on their upper ends to a head C, provided with a cross-piece D, preferably made of iron and placed across the upper edges of the bars B and B', the faces of the said cross-piece being flush with the faces of the bars B and B'. The head C is also provided with the two plates E and E', placed opposite each other on the front and rear faces of the bars

B and B' and the cross-piece D. The plates E and E' extend a short distance down over the inner edges of the bars B and B' and up over the middle part of the cross-piece D. Rivets or bolts F or other suitable means are passed through suitable apertures in the plates E and E' and the bars B and B' to fasten the said parts together, and similar means are employed to fasten the plates E and E' to the cross-piece D, whereby the several parts comprising the center bars A are firmly fastened together.

The upper edges of the cross-piece D and the plates E and E' are beveled from the center downward to each side, as plainly shown in Fig. 1. An aperture G is formed transversely in the middle of the head C, passing through the plates E and E' and the cross-piece D.

It will be seen that by making the center bar in several parts fastened together in the manner described the bar becomes very strong and durable, and in case any of the parts break or wear out it can be easily replaced by a new one.

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

1. In a center bar, the combination, with two parallel bars, of a head supporting the said parallel bars and comprising a cross-piece and two plates, substantially as shown and described.

2. In a center bar, the combination, with two parallel bars, of a head supporting the said parallel bars and comprising a cross-piece, two plates, and means, substantially as described, for fastening the several parts together, as set forth.

VERNON T. LYNCH.

Witnesses:

HENRY GOORIS,
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