

J. W. REED.
 HOLDER FOR CONCRETE REINFORCING.
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939,743.

Patented Nov. 9, 1909.

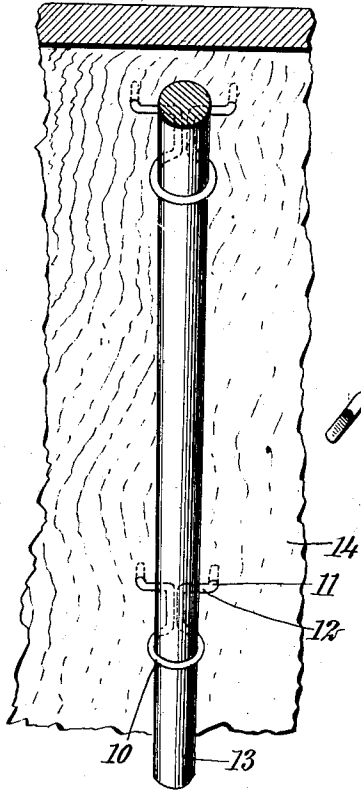


Fig. 1.

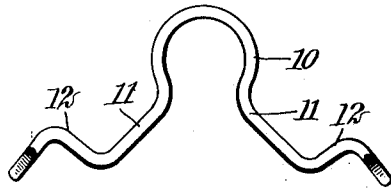


Fig. 3.

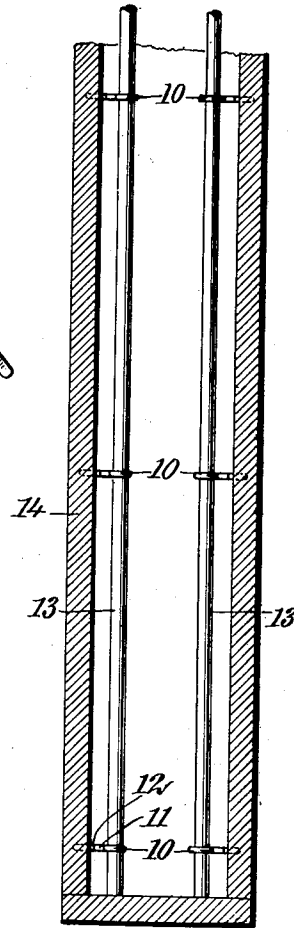


Fig. 2.

WITNESSES

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JOHN WESLEY REED, OF HAMMOND, INDIANA.

HOLDER FOR CONCRETE-REINFORCING.

939,743.

Specification of Letters Patent.

Patented Nov. 9, 1909.

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To all whom it may concern:

Be it known that I, JOHN WESLEY REED, a citizen of the United States, and a resident of Hammond, in the county of Lake and State of Indiana, have invented a new and Improved Holder for Concrete-Reinforcing, of which the following is a full, clear, and exact description.

The invention is an improvement in holders for concrete reinforcing, such reinforcing, in the nature of bars, as is positioned along the walls or floors of wooden forms during the course of erection.

In carrying out the invention I construct the holder of a single piece of wire, the same being bent to form an eye to embrace the reinforcing bar, with the end portions of the wire extended from the eye to provide nail prongs, the prongs being offset intermediate their length to provide striking faces, said nail prongs arranged to open the eye when spread apart, whereby the eye may be sprung over the bar.

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

Figure 1 is a fragmentary view of a wooden form and reinforcing bar, with the bar held in position by my improved holders; Fig. 2 is a vertical section through a form, illustrating the application of my improved holders to hold the reinforcing bars in place, and Fig. 3 is a face view of the preferred form of the holder.

The holder, as shown in Fig. 3, is constructed of a single piece of wire bent intermediate its length to form an eye 10 to embrace the reinforcing bar, the end portions of the wire being extended from the eye to form nail prongs 11. These prongs have sharpened extremities and are outwardly offset intermediate their length to

provide striking heads or faces 12, by which the driving of the members into the wooden form may be facilitated. The holders described, as manufactured, have the nail prongs 11 sprung apart in order that the eye 10 may be open to permit of its being passed over the reinforcing bar. These bars 13, as shown in Figs. 1 and 2, are arranged along the walls of wooden forms 14, the bars being spaced from the inner faces of the walls, as is the usual practice.

In applying the holder as shown in Fig. 3 to the bar, the eye of the holder is passed over the body of the bar and the nail prongs forced together with a pair of pliers or other suitable tool, closing the eye to embrace the bar, as shown in Fig. 1. The nail prongs are then driven into the reinforcing, either by striking the eye 10 or the offset or striking faces 12 of the prongs. The holders are applied at such intervals as are necessary to hold the bars against displacement during the filling in of the concrete.

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

A holder for reinforcing bars constructed of a single piece of wire bent intermediate its length to form an eye to receive the reinforcing bar, with the end portions of the wire extended from the eye to provide nail prongs having offset striking heads, the said prongs being so arranged with respect to the bar that the eye will be opened when the prongs are spread apart, whereby the eye may be passed over the bar from the side.

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

JOHN WESLEY REED.

Witnesses:

ADDISON C. BERRY,
J. S. BLACKMUN.