

C. M. MOCKBEE.
 ROPE CLIP.
 APPLICATION FILED DEC. 9, 1907.

905,556.

Patented Dec. 1, 1908.

Fig. 1.

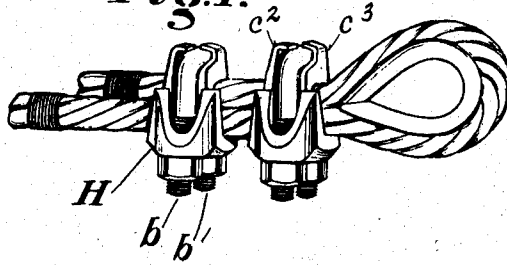


Fig. 2.

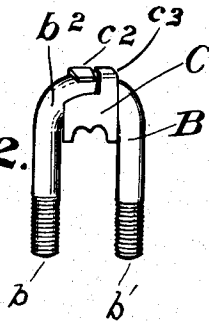
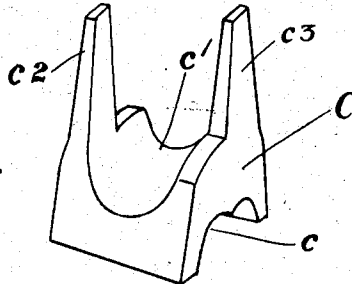


Fig. 3.



WITNESSES:

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ROPE-CLIP.

No. 905,556.

Specification of Letters Patent.

Patented Dec. 1, 1908.

Application filed December 9, 1907. Serial No. 405,733.

To all whom it may concern:

Be it known that I, CHARLES M. MOCKBEE, a citizen of the United States of America, and resident of Cincinnati, county of Hamilton, State of Ohio, have invented certain new and useful Improvements in Rope-Clips, of which the following is a specification.

My invention relates to rope clips which consist of a U-bolt and a perforated block through which the ends of the U-bolt pass to receive nuts for compressing a rope between the block and the bend of the bolt.

The object of my invention is a clip in which the U-bolt will not cut the rope and which is of a form that may be handled by the workmen readily in applying it to ropes, and which may, likewise, be manufactured readily. This object is attained by the means described in the specification and illustrated in the accompanying drawings, in which,

Figure 1 is a perspective view of a rope with a loop therein upon which two clips embodying my invention have been applied. Fig. 2 is a perspective view of a U-bolt and shoe embodying my invention. Fig. 3 is a detail view of the shoe in perspective.

Block, H, is of ordinary construction and is perforated in the usual manner to pass the ends, b , b' , of the U-bolt, B. U-bolt, B, upon the interior of its bend, b^2 , has secured to it a shoe, C. Shoe, C, consists of a block of a width equal to the distance between the legs of the U-bolt, the said block having upon its underside a transverse groove, c , curved to conform to the periphery of the rope, and having upon its upper face a longitudinal groove, c' , to fit the inner bend of the U-bolt. Upon each side of said block is an upwardly

projecting prong, c^2 , c^3 , respectively, the prongs being staggered with each other, so that when bent down upon the bolt their ends lie side by side, as illustrated in Fig. 2.

The U-bolt and the shoe are assembled before they are put on the market. To do so, it is simply necessary to slip the shoe upward between the legs of the bolt and then to bend the prongs, c^2 , c^3 , over the curve in the bolt. In placing a clip provided with my improved U-bolt upon a wire rope, it is seen that the workman has no more parts to handle than he would have were the U-bolt without any shoe. The shoe, likewise, being of a width equal to the distance between the legs, it is seen that the rope fits naturally into the groove in the underside of the shoe without any attention being given by the workmen to this matter. The shoe being firmly held to the bolt, there is no liability of its becoming lost, so that even with a careless workman, each bolt is supplied with a shoe, when placed upon a rope.

In use, the shoe provides a broad surface over which the pressure from the U-bolt is distributed. As a consequence, the wires of the rope are not cut by the bolt and at the same time the holding capacity of the clip is increased.

What I claim is:

The combination of a U-bolt, a shoe formed separately from the U-bolt and having upwardly projecting prongs which are bent over the bend of the bolt to secure the shoe within the bend of the bolt.

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Witnesses:

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