

(No Model.)

F. A. THOMAS.

ROPE CLASP.

No. 351,541.

Patented Oct. 26, 1886.

Fig. 1

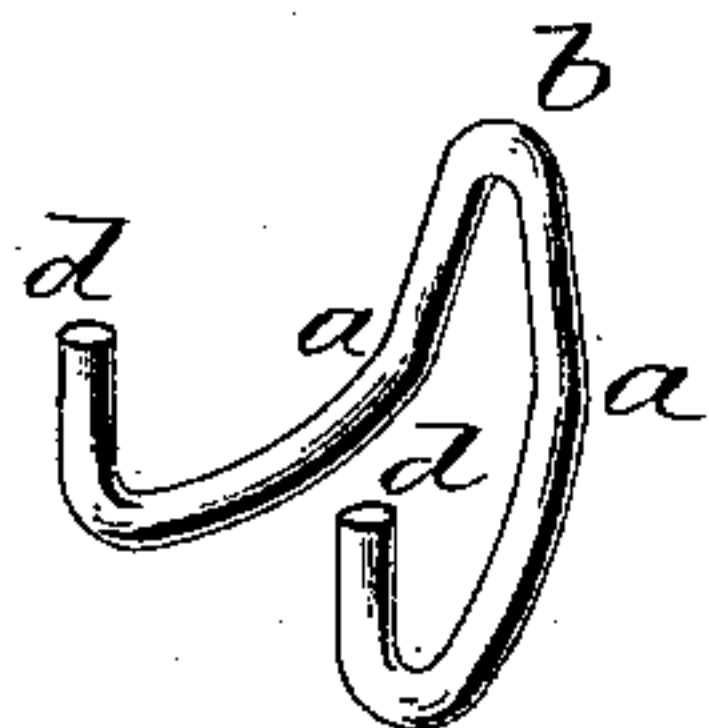


Fig. 2

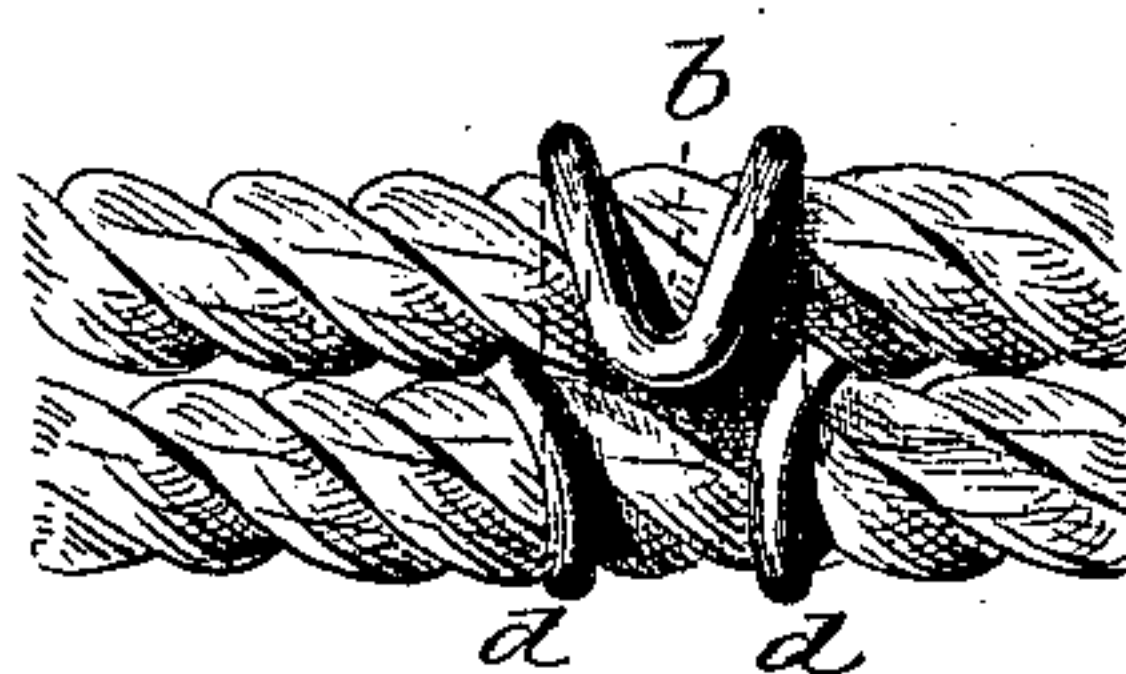


Fig. 3

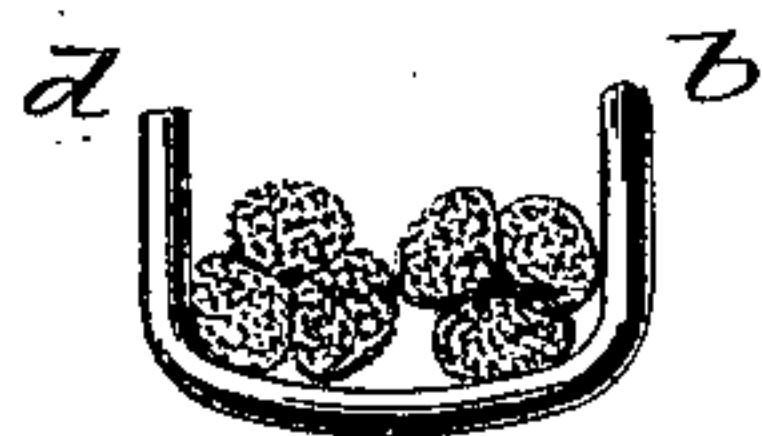
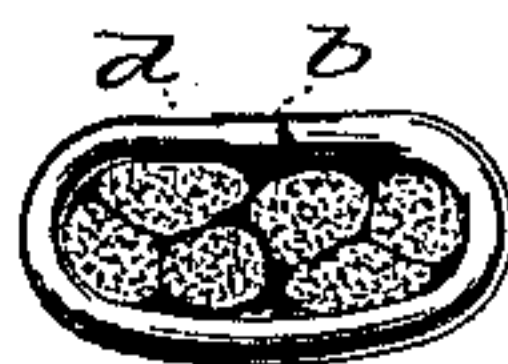


Fig. 4



Witnesses,
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FRANK A. THOMAS, OF CEDAR RAPIDS, IOWA.

ROPE-CLASP.

SPECIFICATION forming part of Letters Patent No. 351,541, dated October 26, 1886.

Application filed August 9, 1886. Serial No. 210,396. (No model.)

To all whom it may concern:

Be it known that I, FRANK A. THOMAS, of Cedar Rapids, in the county of Linn and State of Iowa, have invented new Improvements in Rope-Clasps; and I do hereby declare the following, when taken in connection with accompanying drawings, and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a perspective view of the clasp complete; Fig. 2, a top view of the clasp applied to a doubled rope; Fig. 3, a transverse section through the ropes with the clasp set thereon preparatory to closing; Fig. 4, a transverse section through the rope with the clasp set and closed thereon.

This invention relates to an improvement in rope-clasps such as are used on the ends of ropes to prevent untwisting, and also used in forming loops in ropes for cattle-ties, halters, &c. The clasp most commonly used is an open single band of wire, which is closed upon the rope. In many cases extra strength is required, which necessitates the employment of two such bands.

The object of this invention is to produce a clasp which may be as easily applied as the single band, but which will be equal to two bands.

A piece of wire or metal of the required length and size is first bent into V shape,

forming two legs, *a a*, and then the apex *b* and the two ends *d d* of wire are turned at nearly right angles to the plane of the two legs *a a*, as shown in Fig. 3, forming substantially a double U-shaped clasp. The rope or ropes to be secured are placed in the clasp, as shown in Fig. 3, and the apex portion and ends *d d* turned down upon the ropes, as shown in Fig. 4, and closed hard thereon, so that the wire is embedded into the rope, and so that there will be no possibility of slipping.

From the fact that the wire is of V shape, the ends *d d* extend outward so that the apex *b* will lie between them, as shown in Fig. 2, and thereby form substantially two wire bands, but applied by one operation as if a single clasp.

The clasp thus constructed is sold as a complete article of manufacture, and is ready for application.

I claim—

The herein-described clasp, consisting of the wire bent into substantially V shape, with the apex and the ends of the legs turned at right angles to the plane of the legs, all as shown and described, and adapted to be closed upon a rope, substantially as and for the purpose described.

FRANK A. THOMAS.

Witnesses:

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