(No Model.)

C. A. GLOEKLER.

ROPE FASTENING.

No. 373,183. Patented Nov. 15, 1887.

Fig. 1.

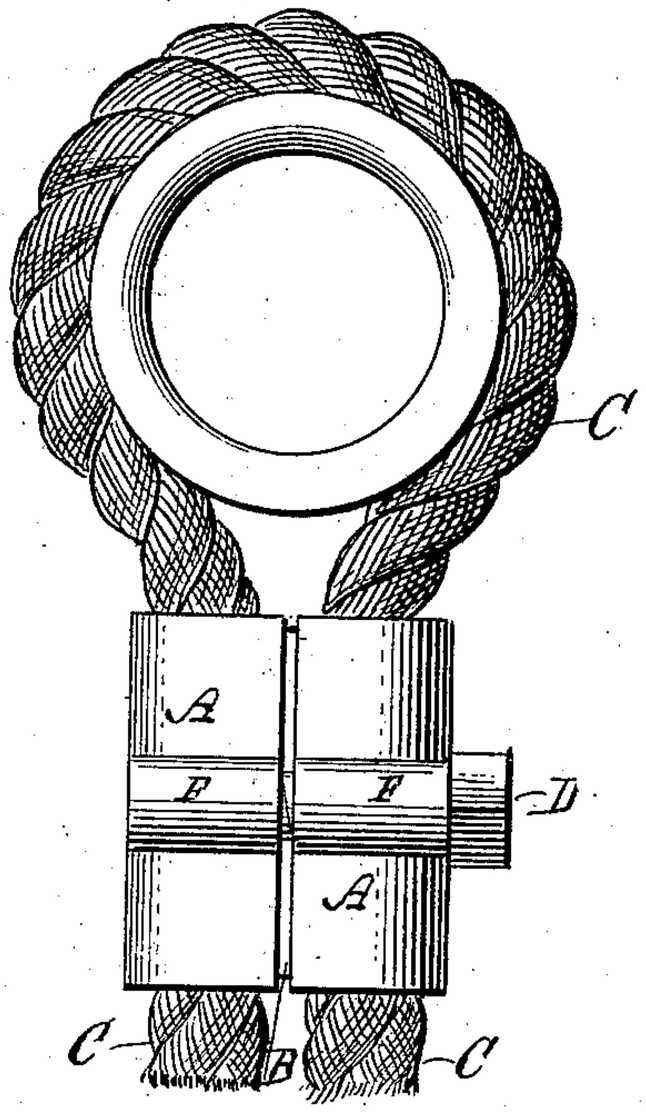


Fig. 3.

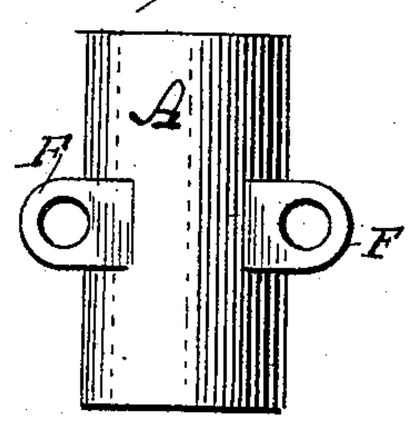


Fig. 4.

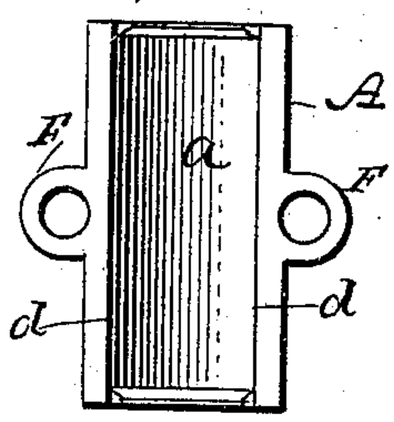


Fig. 2.

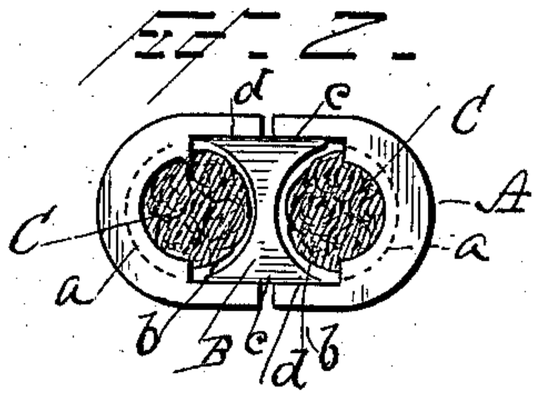
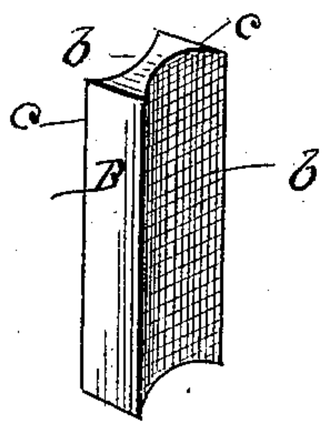


Fig. 5.



WITNESSES

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CHARLES A. GLOEKLER, OF PITTSBURG, PENNSYLVANIA.

ROPE-FASTENING.

SPECIFICATION forming part of Letters Patent No. 373,183, dated November 15, 1887.

Application filed August 17, 1887. Serial No. 247,169. (No model.)

To all whom it may concern:

Be it known that I, CHARLES A. GLOEKLER, a citizen of the United States, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented an Improved Rope-Fastening; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings, making part of this specification.

Figure 1 of the drawings represents the end of a rope fastened around a metallic grommet by my improved rope-fastening. Fig. 2 is an end view of the fastening and cross-section of the rope; Fig. 3, an outside view of one of the parts of the rope-fastening; Fig. 4, an inside view of the same; Fig. 5, a perspective view of the cheek-piece used in the inside of the fastening.

Like letters designate corresponding parts in all of the figures.

My improved rope-fastening is composed of three principal parts, namely: two clamp-pieces, A A, which embrace the two parts of the bight or two ends of a rope, and a cheek-piece, B, which is inserted between the two parts of the bight of the rope C. Each part A has a concave portion, *a*, of substantially semi-cylindrical form, so as to embrace about one-half of the thickness of the rope, and the cheek-piece B has two concave surfaces, *b b*, each somewhat less than semi-cylindrical to nearly embrace the other half of the thickness of each part of the rope embraced by the clamp-pieces. These concave surfaces may be roughened, as shown, or in any desired way; but for many uses the surface may be smooth. The edges *c c* of the cheek-piece are plane, and they bear against plane surfaces *d d* on the inner sides of the clamp-pieces, extending from the concave portion thereof to the edges of the pieces, and slightly sunk deeper than the said concave surfaces, substantially as shown in Fig. 2. The parts are so proportioned in relation to the size of the rope that when the rope is clamped thereby the opposite edges of the clamp-pieces do not quite meet, as shown in Fig. 1, so that there is room to tighten the parts against the sides of the rope as forcibly as desired. The clamp-pieces A A are preferably held together and tightened around the rope by means of screws D D, screwed into corresponding perforated and screw-threaded lugs F F, formed thereon, substantially as shown in the drawings.

The parts of the fastenings may be made of malleable iron, brass, or any other suitable material. This rope-fastening may be made sufficiently cheap, and it is very efficient and strong, and it is easily applied.

I claim as my invention—

1. In a rope-fastening, the combination of two concave clamp-pieces, A A, a doubly-concave inside cheek-piece, B, and means for uniting the clamp-pieces and tightening them around a rope, substantially as herein specified.

2. The combination of the two concave clamp-pieces A A, doubly-concave cheek-piece B, and fastening-screws D D, applied to a rope, C, substantially as herein specified.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

CHAS. A. GLOEKLER.

Witnesses:

JAMES A. MCKEAN,

C. R. J. JACOBS.