Aug. 29, 1944. G. G. FARMER 2,357,182

SLING

Filed Jan. 13, 1944

Fig. 1.

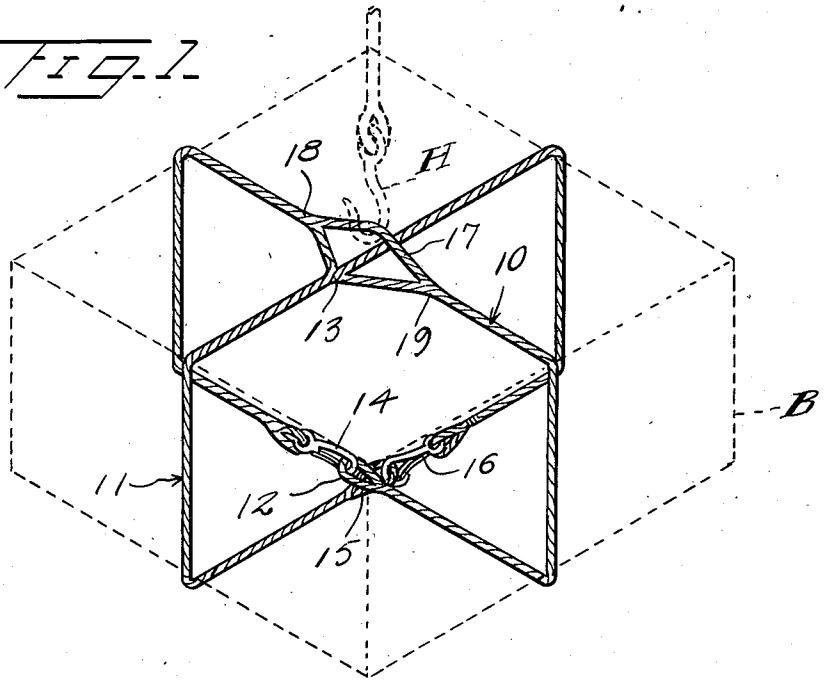
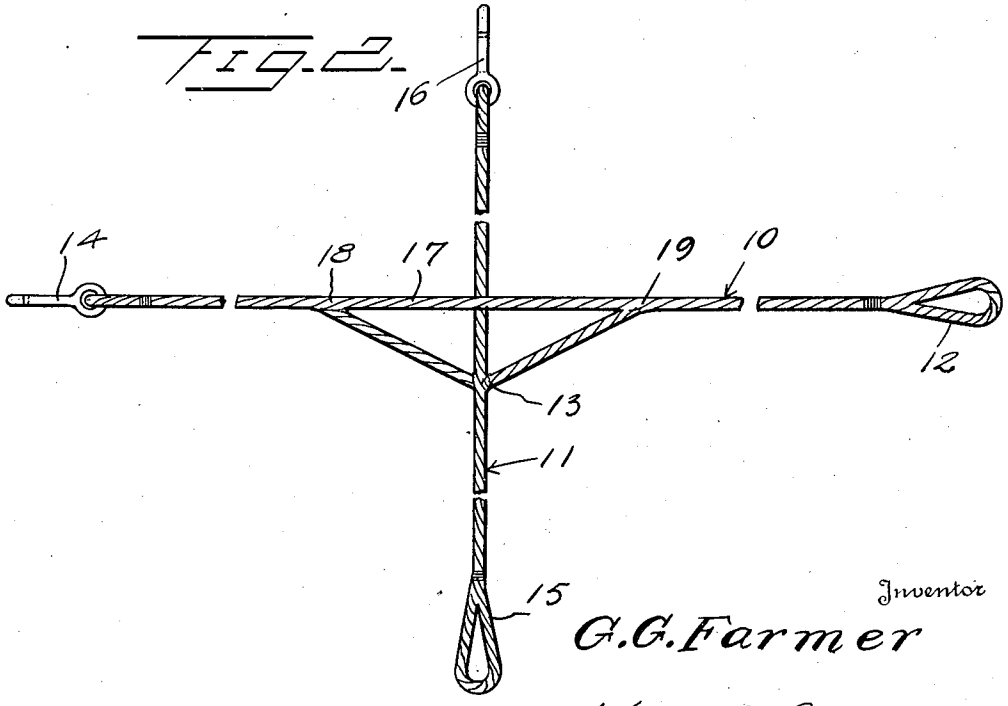


Fig. 2.



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Patented Aug. 29, 1944 2,357,182

UNITED STATES PATENT OFFICE

2,357,182

SLING

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Application January 13, 1944, Serial No. 518,147

3 Claims. (Cl. 294—74)

This invention relates to slings engageable about an article for elevating or lowering the article.

An object of this invention is to provide a sling of this type which includes a pair of crossed cords or ropes provided with means whereby the ends may be detachably connected together, one cord having a short length cord spliced thereto adjacent the crossing of the two cords, the short length cord providing a means for engagement with a lifting hook whereby the sling will be tightened about the article as the latter is lifted.

Another object of this invention is to provide a sling forward of a pair of crossed cords connected together at their crossing point, and one cord including a short length cord connected at its ends to the said one cord and spanning the crossing between the two main cords, and the short length cord being of less length than the normal distance between its connection with the one main cord.

With the foregoing objects and others which may hereinafter appear, the invention consists of the novel construction, combination and arrangement of parts as will be referred to and illustrated in the accompanying drawing wherein is shown an embodiment of this invention, but it is to be understood that changes, variations and modifications may be referred to which fall within the scope of the invention as claimed.

In the drawing:

Figure 1 is a perspective view of a sling constructed according to an embodiment of this invention showing the sling in applied position, and

Figure 2 is a plan view of the sling partly broken away.

Referring to the drawing, the numerals 10 and 11 designate a pair of elongated flexible members, such as cords or ropes. The cords 10 and 11 are disposed in crossed relation and are connected together at their crossing point as indicated at 13.

There is a loop or eye 12 at one end of cord 10, and at the other end there is a snap hook 14 of conventional construction. Hook 14 is adapted to engage loop 12 with cord 10 wrapped about a box, piano, or other article B. Cord 11 has an eye or loop 15 at one end and a snap hook 16 at the other end.

A short lifting cord or rope 17 is spliced at the opposite ends thereof as at 18 and 19 to cord 10. The lifting cord 17 extends right angularly across cord 11 and when the sling is stretched out flat, as shown in Figure 2, cord 17 forms a triangle with cord 10. However, when a lifting hook 14, as shown in Figure 1, is engaged with the center of cord 17, this latter cord forms a substantial parallelogram with cord 10. The provision of the lifting cord or member 17 provides for tightening of cord 10 about the article B when the hook 14 is engaged with cord 17, and the strain of the lift is borne almost entirely by cord 10.

In the use of this sling, cord 10 is extended about the article B and hook 14 engaged with loop 12. Cord 11 is extended about the article B at right angles to cord 10 and hook 16 engaged with loop 15. Lifting hook H may be engaged with lifting cord 17, and as this cord receives the weight of the article B, cord 17 will form a parallelogram with cord 10, and the latter will be pulled tightly about the article from the splice points 18 and 19.

What I claim is:

1. A sling comprising a pair of crossed cords spliced together at their crossing point, coupling means at the ends of said cords, and a cross cord spanning said crossing point and spliced at its ends to one of said crossed cords whereby said cord will be tightened about an article as the latter is lifted.

2. A sling comprising a pair of elongated flexible members disposed in crossed relation and spliced together at their crossing point, coupling means at the ends of said members, and a flexible tightening member spliced to one of said members and extending over said crossing point, said tightening member forming a parallelogram with said one member upon engagement of a lifting element with said tightening member.

3. A sling comprising a pair of elongated flexible members disposed in crossed relation and spliced together at their crossing point, a loop at one end of each member, a hook at the opposite end of each member engageable with said loop, and a flexible tightening member spliced to and forming part of one of said members and extending over said crossing point, said tightening member forming a parallelogram with said one member upon engagement of a lifting element with said tightening member.

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