

No. 632,086.

Patented Aug. 29, 1899.

E. G. AWCOCK.  
STRAP PROTECTOR.

(Application filed May 10, 1899.)

(No Model.)

Fig. 1.

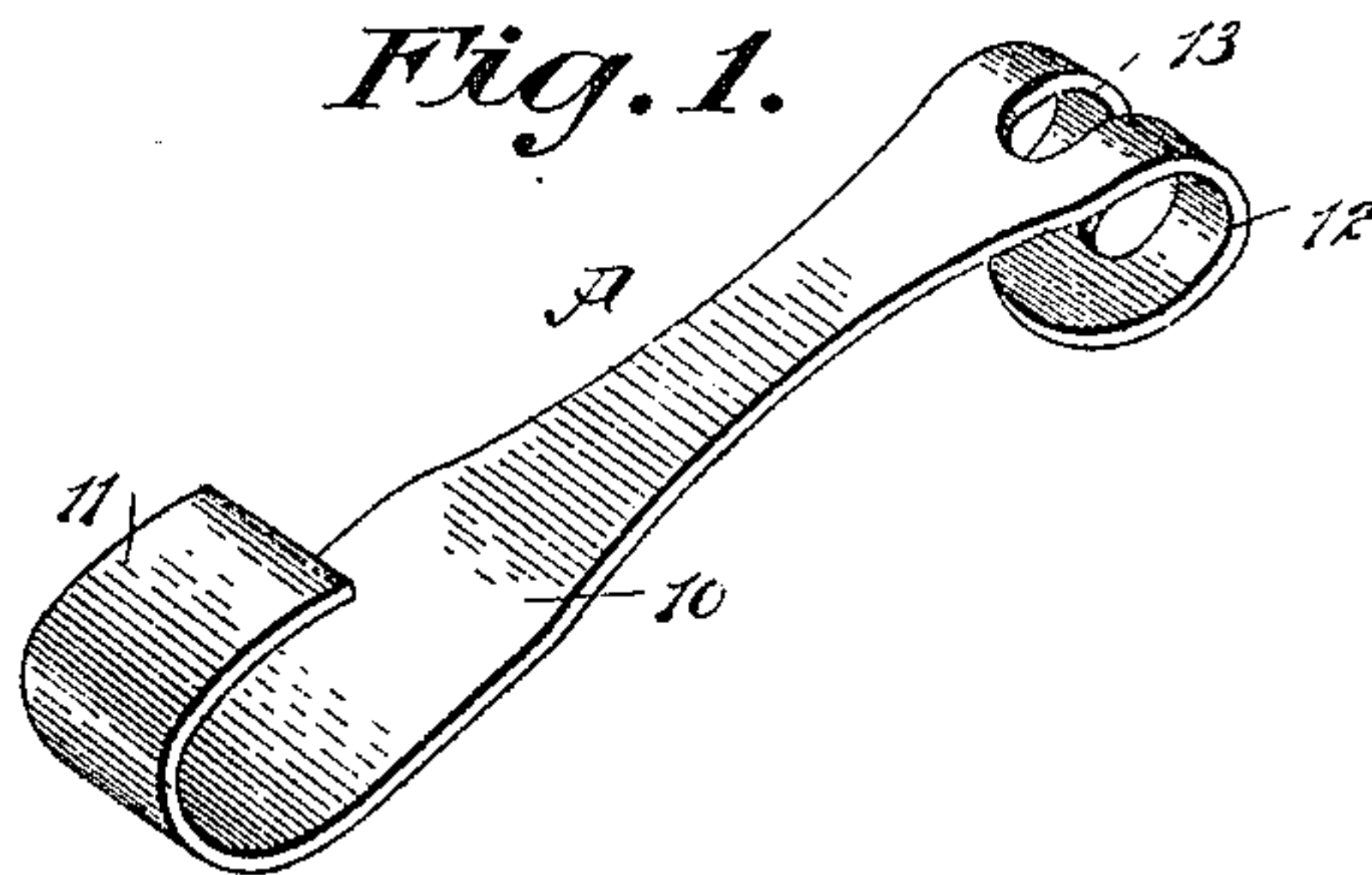


Fig. 2.

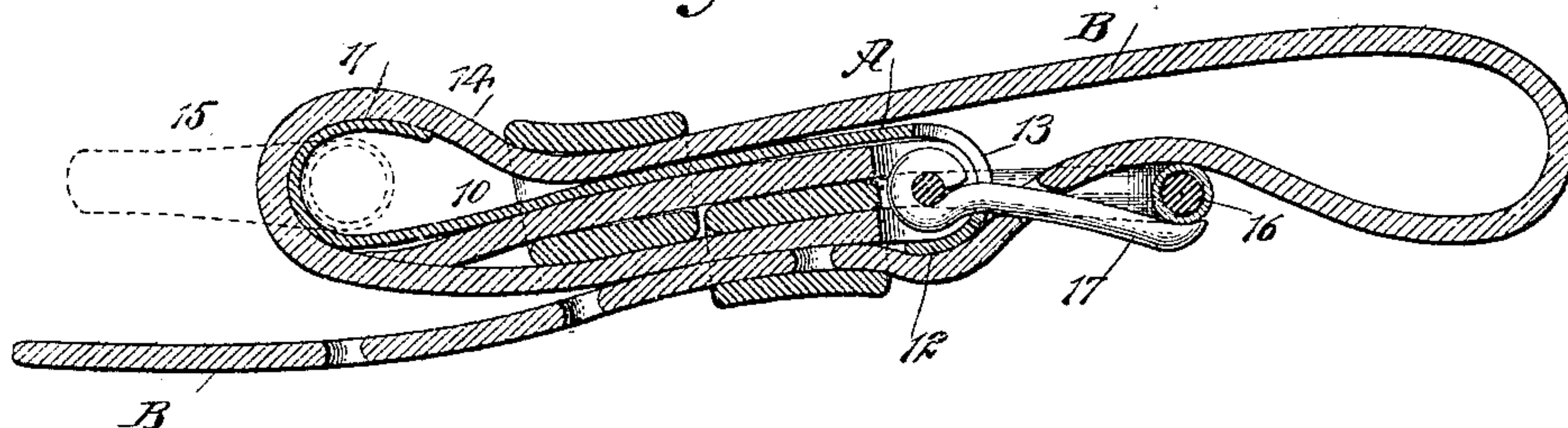


Fig. 3.

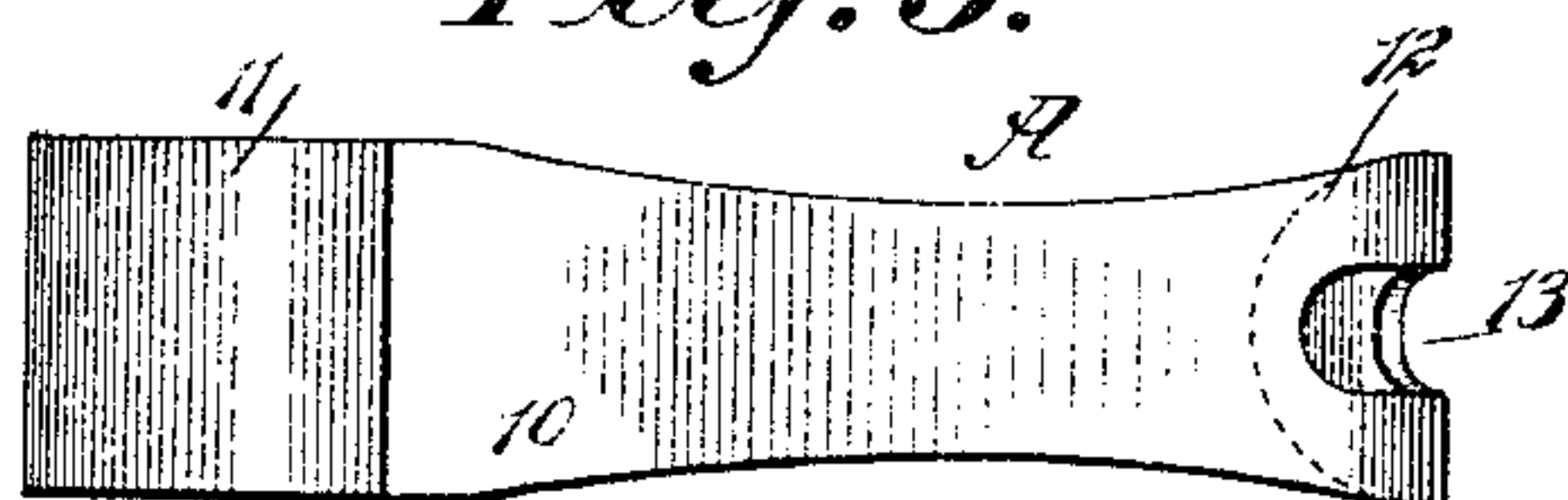
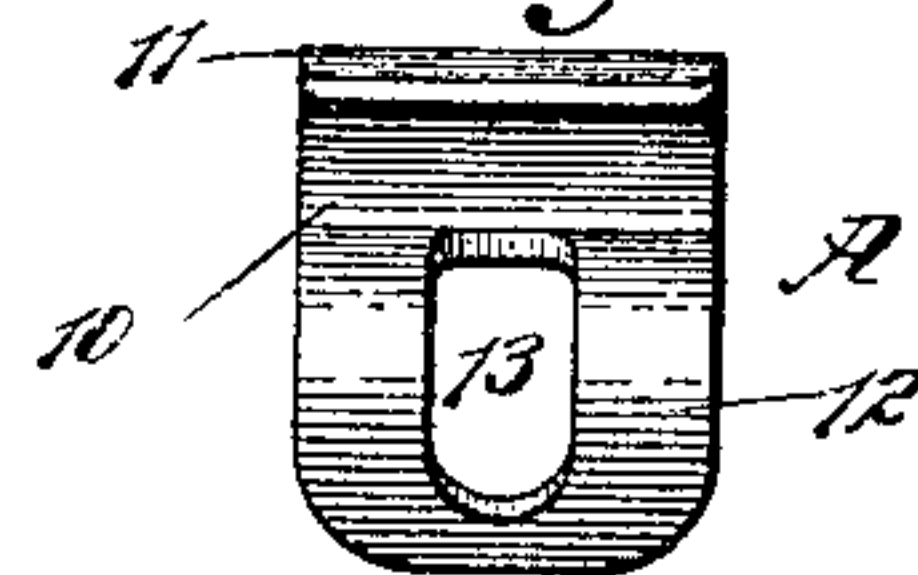


Fig. 4.



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# UNITED STATES PATENT OFFICE.

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## STRAP-PROTECTOR.

SPECIFICATION forming part of Letters Patent No. 632,086, dated August 29, 1899.

Application filed May 10, 1899. Serial No. 716,228. (No model.)

*To all whom it may concern:*

Be it known that I, EDWARD GODRICH AWCOCK, of New Orleans, in the parish of Orleans and State of Louisiana, have invented  
5 a new and useful Improvement in Harness, of which the following is a full, clear, and exact description.

The object of my invention is to provide a simple metallic protective device for harness  
10 which will be entirely independent of the strap to which it is applied, the said device being adapted for connection with a buckle and for receiving a ring, snap, or other connecting medium between straps in a harness, the device being of such a nature that the loop at-  
15 tachment of a buckle to a strap need not be depended upon for security and whereby the connecting medium between straps will not wear said straps.

20 A further object of the invention is to provide a metallic protector especially adapted for use in connection with hame-straps, breeching-straps, and other straps provided with turn-back sections and by which when  
25 used in connection with a hame-strap all the tension necessary may be obtained to draw the hames to their proper position close and snug to the rim of the collar.

30 Another object of the invention is to provide a protective and safety attachment for harness that can be quickly and conveniently applied and removed at any time and under almost all conditions.

35 The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claim.

40 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 figures.

45 Figure 1 is a perspective view of the device. Fig. 2 is a longitudinal section through the device and through a hame-strap to which the device is applied. Fig. 3 is a plan view of the device, and Fig. 4 is an end view of the same.

50 A represents the improved device, which is made of a strip of metal, preferably spring metal—as, for example, steel or brass—and the said device comprises a body 10, having a hook 11 at one end and a hook 12 at the opposite end, the two hooks being curved in op-

posite directions, one extending over the upper surface of the body and the other beneath the lower surface of the same, and the hook 12 is provided with a longitudinal slot 13,  
55 which slot extends a short distance within the body portion 10 of the device, as is best shown in Figs. 1 and 3.

B represents a hame-strap provided with  
60 the usual turn-back section 14 to receive a ring or eye 15, attached to the lower portion of the hames, the said strap being provided with an ordinary buckle 16.

In applying the device the hook 12 is adapted to engage with a bight of the strap in which the pivot-bar of the buckle is inclosed, and the tongue 17 of the buckle is passed through the slot 13 in the said hook-section 12 of the device, while the hook or curved portion 11  
65 at the opposite end of the device engages with the inner wall of the strap at the turn-back section 14, and the eye or link 15 of the hame-strap has bearing directly upon the curved or hook portion 11 of the device. Under such a  
70 construction it is evident that the buckle is firmly held to the strap and that entire dependence need not be placed upon the stitching at the point of connection of the buckle with the strap and that the hame link or  
80 eye or other connection does not bear on the strap, but against the device, thus preserving the strap from undue wear and permitting the strap to be tightened up with more certainty and to a greater extent than ordi-  
85 narily.

It will be observed that the device is entirely independent of the strap to which it is applied, being in no manner connected with the strap, and therefore the device may be  
90 readily removed when the strap is unbuckled by simply carrying the device out of engagement with the tongue 17 of the buckle.

The device is exceedingly simple, is made in one piece, and can be quickly and readily  
95 applied to, as well as conveniently and expeditiously removed from, the harness.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—  
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In combination with a turn-back strap and its buckle, a hook independent of the strap and buckle and removable from both, said hook comprising a strip of metal having op-

positely-curved short ends, one end and body of the strip being adapted to enter the turn-back portion of the strap, the opposite end of the strip having a slot through which the  
5 tongue of the buckle may pass, the slotted end of the hook being close to the buckle-fastening, thus permitting the folds of the strap and the billet to be brought close together and

passed through the ordinary guide-loops, and whereby also the hook may be quickly applied to or removed from any form of turn-back strap.

EDWARD GODRICH AWCOCK.

Witnesses:

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