

No. 696,071.

Patented Mar. 25, 1902.

J. F. McCORMICK.
HARNESS ATTACHMENT.

(Application filed Oct. 6, 1900.)

(No Model.)

Fig. 1.

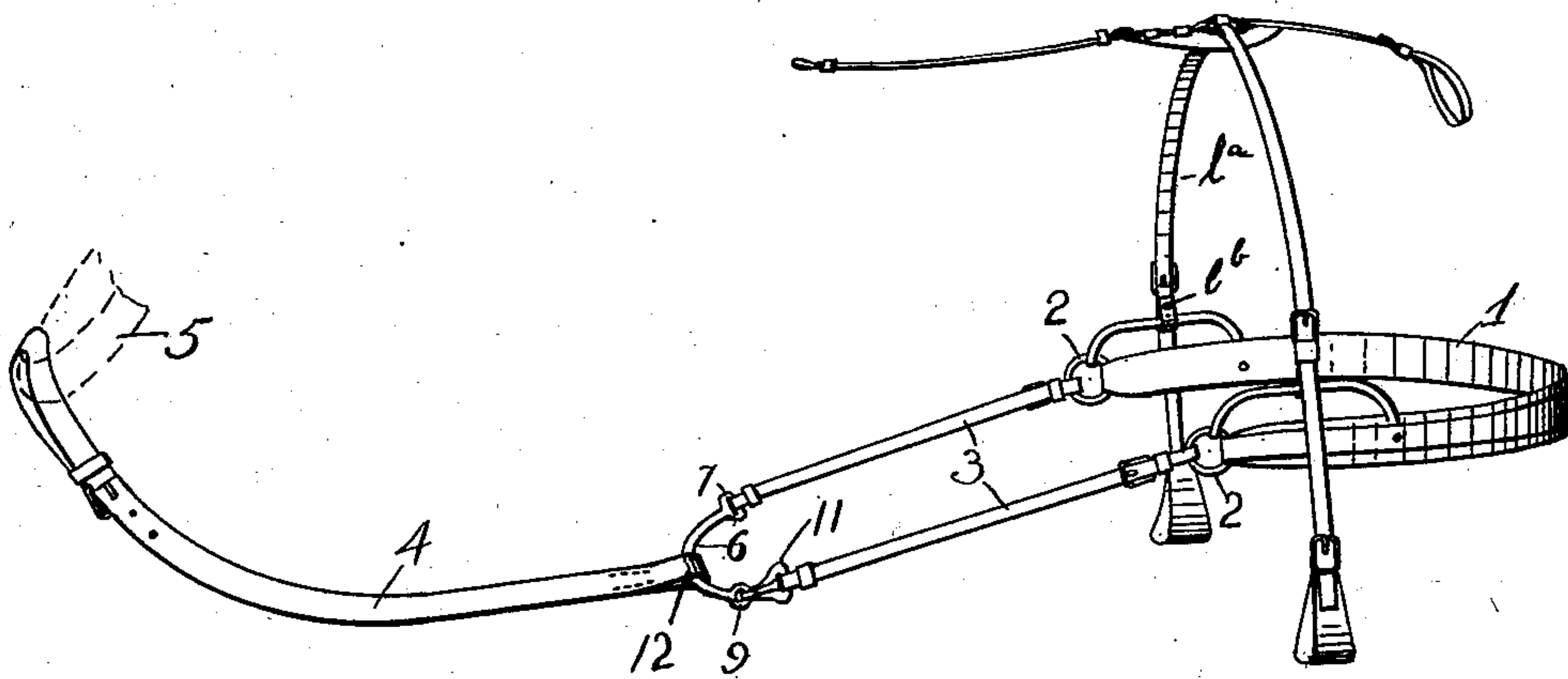
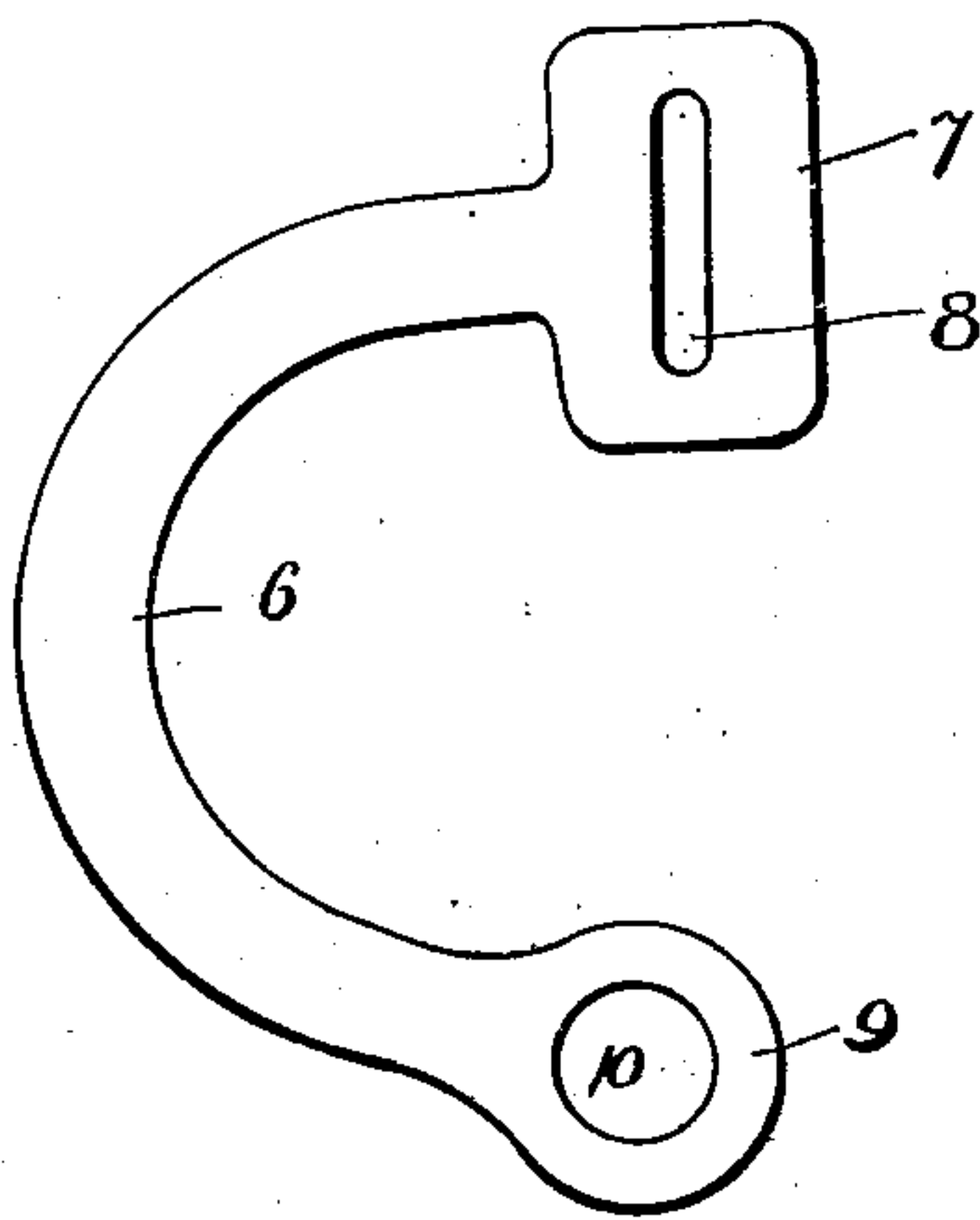


Fig. 2.



Witnesses
F. L. Ourand
A. H. Miller.

Inventor:
James F. McCormick
By
W. S. Fitzgerald &
Attorneys.

UNITED STATES PATENT OFFICE.

JAMES F. McCORMICK, OF WAMEGO, KANSAS.

HARNESS ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 696,071, dated March 25, 1902.

Application filed October 6, 1900. Serial No. 32,216. (No model.)

To all whom it may concern:

Be it known that I, JAMES F. McCORMICK, a citizen of the United States, residing at Wamego, in the county of Pottawatomie and State of Kansas, have invented certain new and useful Improvements in Harness Attachments; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention has relation to certain new and useful improvements in harness, and more particularly to an attachment whereby the work of connecting certain parts of the harness together will be greatly facilitated.

The object of my invention, therefore, may be said to consist in a labor-saving device or attachment for the harness which will enable the operator to very readily secure the breeching into coöperation with the strap extending from the collar, whereby the animal may be enabled to more easily back or reverse the movement of the vehicle to which it is attached.

The advantages and construction of my invention will be fully set forth in the following specification and illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view showing parts of a set of harness with my attachment secured in its operative position. Fig. 2 is a detail view showing my attachment separated from the harness and in a complete condition ready for use.

In order to conveniently refer to the several features of my invention and their coöperating accessories, numerals will be employed, of which 1 indicates the breeching of a set of harness, of the usual or any preferred construction, provided with the usual form of ring or link 2, as shown, to which are secured the straps 3, designed to form a connection between the breeching and the strap 4, extending forward into connection with the lower end of the collar 5, it being understood that the breeching may be connected to the hip-straps 1^a in any preferred way, as by the rivets 1^b, as is common.

In order to enable the harness to be readily disconnected, so that the same may be re-

moved from the horse, it becomes desirable to provide means for connecting the forward ends of the straps 3 to the rear end of the strap 4 in such a way that said parts may be readily separated. It is now common to connect said parts by providing a ring in the rear end of the strap 4 and also providing a snap-hook for each of the straps 3, said straps being hooked into said ring. It is also common to connect the straps 3 with the rings 2 by means of snap-hooks, thereby enabling said parts to be separated by simply unhooking the snaps.

In order to avoid the necessity of providing each strap 3 with a snap-hook, as is now common, I provide my improved connecting-link, shown in Fig. 2 and having the substantially U-shaped body-section 6 and upon one end the anchoring-terminal 7, having a slot 8, as clearly set forth. The opposite end of the U-shaped section is provided with a ring-like section, as indicated by the numeral 9, said section being provided with the opening 10, and in order to mount my harness attachment in its operative position I secure the end of one of the straps in any preferred way, as by passing the end of said strap through the slot 8 and securing it in any suitable manner. By this arrangement the device is permanently connected to one of the straps 3, while the other strap 3 is to be provided with a snap-hook of the usual or any preferred construction, as indicated by the numeral 11, said snap-hook being connected to the strap 3 in the usual way. By this arrangement it is obvious that the snap-hook may be readily brought into engagement with the ring-section 9 by hooking it through the aperture 10.

The rear end of the strap 4 is provided with a loop-section 12 instead of a ring, as is now common, said loop-section being designed to freely receive the ring-section 9. It is therefore obvious that since the securing device is permanently attached to one of the strap-sections 3 that both of said strap-sections may be placed into connection with the strap 4 by simply passing the ring-section 9 through the loop 12 and causing the snap-hook 11 to engage the aperture 10. By this arrangement the said parts may be very quickly connected together and disposed in their operative po-

sitions and may be as quickly disconnected when it is desirable to remove the harness from the animal.

It will be understood that my improved connecting-link may be modified in its construction and arrangement of parts without departing from the spirit of my invention, and I therefore desire to comprehend in this application all such substantial equivalents and substitutes as may be considered to fairly fall within the scope of my invention.

Believing that the construction and use of my improved connecting-link for harness for the purpose specified have been made fully apparent from the foregoing specification considered in connection with the accompanying drawings, further reference to the details thereof is deemed unnecessary.

Having thus fully described my invention,

what I claim as new, and desire to secure by Letters Patent, is—

In a harness, the combination with the pole-strap and holdback-straps, of a connecting device consisting of a stem having a loop at one end for engagement with the holdback-strap and having a lateral extension for engagement with the loop on the pole-strap, and an eye at the free end of the extension for detachable connection with the other holdback-strap, the loop, the stem, and the lateral extension lying in the same plane, as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

JAMES F. MCCORMICK.

Witnesses:

LOUIS B. LACH,
H. P. DROUBERGER.