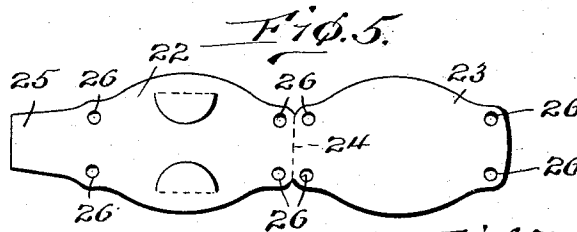
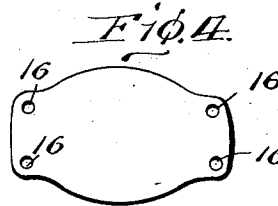
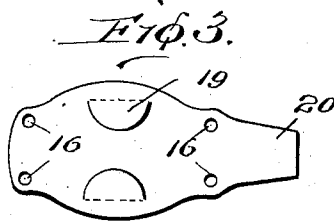
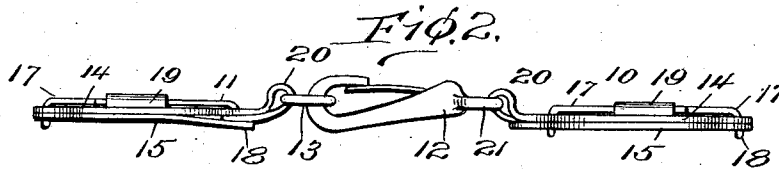
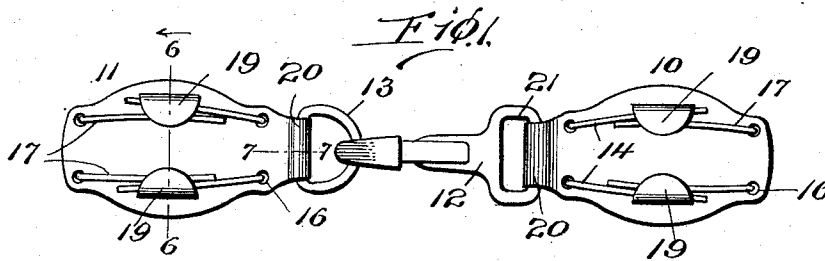


E. DANFORTH.
HORSE BLANKET FASTENER.
APPLICATION FILED FEB. 19, 1912.

1,063,121.

Patented May 27, 1913.



Witnesses

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EUGENE DANFORTH, OF MONTREAL, QUEBEC, CANADA.

HORSE-BLANKET FASTENER.

1,063,121.

Specification of Letters Patent.

Patented May 27, 1913.

Application filed February 19, 1912. Serial No. 678,723.

To all whom it may concern:

Be it known that I, EUGENE DANFORTH, a subject of the King of Great Britain, residing in Montreal, in the Province of Quebec, Dominion of Canada, have invented certain new and useful Improvements in Horse-Blanket Fasteners; 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.

This invention relates to improvements in fasteners for horse blankets and like articles, the object of the invention being to provide a fastener of this character which will effectually hold closed the meeting portions of a blanket at the breast of the horse when the blanket is applied to the latter, but which will permit ready separation of the meeting portions to enable removal of the blanket.

A further object of the present invention is the provision of a fastener of the character referred to including novel means for reinforcing the same and for holding the fastening members in applied position to the holding means, the construction in question enabling the employment of the ordinary snap hook and cooperating loop as the fastening means and thereby providing fastening means which will permit quick separation when it is desired to remove the blanket from the horse.

With these general objects in view and others which will appear as the nature of the improvements is better understood, the invention consists substantially in the novel construction, combination and arrangement of parts, hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the appended claim.

In the drawings: Figure 1 is a top plan view of a fastener constructed in accordance with the present invention. Fig. 2 is an edge elevation thereof. Fig. 3 is a plan view of the holding plate with the attaching tongue in distended position. Fig. 4 is a similar view of the backing plate. Fig. 5 is a plan view of an alternative construction, wherein the holding plate and backing plate are formed of a single piece. Fig. 6 is a transverse sectional view on the line 6—6, Fig. 1. Fig. 7 is a fragmentary longitudinal sectional view, on a slightly enlarged scale, taken on the line 7—7, Fig. 1.

Referring in detail to the accompanying

drawings, and particularly to Figs. 1 and 2, the numerals 10 and 11 designate, respectively, the hook and loop members of the hereindescribed fastener. So far as the general construction of these members is concerned they are complements of each other, differing only in the fact that the member 10 carries a snap hook 12, while the member 11 supports a D-loop 13 which is engaged by the snap hook 12. A description of one, therefore, will suffice for the other. Corresponding numerals are applied to both members and designate similar parts.

With this understanding, each member is made up of a holding plate 14 and a backing plate 15. The configuration of each of these plates is substantially the same, both of the plates being arranged in contact with each other and each of the plates is provided with a plurality of perforations 16, the perforations of one plate registering with the perforations of the other and being designed to receive fastening pins 17. These pins are looped through the perforations 16, their body portions 18 lying at the under side of the backing plate 15 and the extremities of the pins 17, after being passed through the perforations 16 are bent under punched out lugs 19 formed in the holding plate 14. It will, therefore, be seen that by means of the fastening pins 17 the plates 14 and 15 are not only held together but these pins will also serve to hold the members 10 and 11 upon the blanket to which the fastener is applied.

For the purpose of attaching the snap hook 12 and the D-loop 13 to the respective members 10 and 11 the holding plate 14 of each member is provided with an integral tapering tongue 20. This tongue is bent about the loop 21 of the snap hook and the transverse bar of the D-loop 13 in each instance and then is introduced between the holding plate 14 and the backing plate 15, the free end of the tongue 20 being thereby securely held against displacement when the plates 14 and 15 are locked together by means of the fastening pins 17. It will thus be seen that the snap hook 12 and the D-loop 13 while being securely held to their respective members are free to swing in the attaching tongue 20 so that the fastening and unfastening operation may be accomplished without any difficulty.

By reference to Fig. 7 it will be noted

that the tongue 20 is bent back upon itself and lies between the pair of openings 16, so that when the plate 15 is locked by the fastening pin 17, a greater part of the turned back surface of the tongue engages the inner surface of the backing plate 15, thereby providing a large surface for engaging the cloth, this large surface serving to prevent tearing at the points where the pins pass through the cloth.

In Fig. 5 is illustrated an alternative form, the holding plate 22 and the backing plate 23 being made in a single blank which is adapted to be bent along the line 24. When so bent the plates 22 and 23 are brought into contact with each other, as disclosed in Fig. 2, the attaching tongue 25 having its free end introduced between the meeting portions of these plates and held in the same manner as in the construction illustrated in Figs. 1 to 4 inclusive. The plates 22 and 23 are, of course, provided with perforations 26, which correspond to the perforations 16, and receive fastening pins similar to the fastening pins 17.

In applying the holder, the part 14 of one part is placed on one side of the cloth at the desired point, which point need not necessarily be on one of the edges, the part 15 is then placed in back of part 14 on the other side of the blanket, so that the openings 16 align accurately, the pins are then forced through the openings 16 of the plate 15, through the blanket, making only four very small holes, through holes 16 of plate 14, and then bent down and under lugs 19. The pins are given the necessary bends as shown in Figs. 1 and 2 and are of sufficient resilience to keep their ends under lugs 19 under all normal conditions. Thus, only four small perforations are made in the

blanket, but a large holding surface is presented.

A fastener constructed in accordance with the hereindescribed invention is exceedingly simple but durable, being formed entirely of metal, and when applied to a horse blanket it is obvious that the meeting portions thereof will be securely held together but capable of free separation when removal of the blanket from the horse is desirable. Furthermore, the invention is capable of use upon coats, tents, awnings and other articles where meeting portions are desired or required to be maintained in closed relation to each other.

Having thus described the invention, what is claimed as new, and desired to be secured by Letters Patent, is:

A horse blanket fastener, comprising a backing plate having a pair of perforations therein, a holding plate similar in outline to the backing plate and having perforations therein registering with the perforations of the backing plate, a tongue extending from the holding plate adapted to hold a locking member, the tongue being bent back upon itself and having its end locked between the perforations of the holding plate, a U-shaped fastening pin passing through the perforations and binding one end of the backing plate when in locked position against the bent tongue, and means carried by the holding plate for holding the pins in locked position.

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

EUGENE DANFORTH.

Witnesses:

J. O. AUTHIER,
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