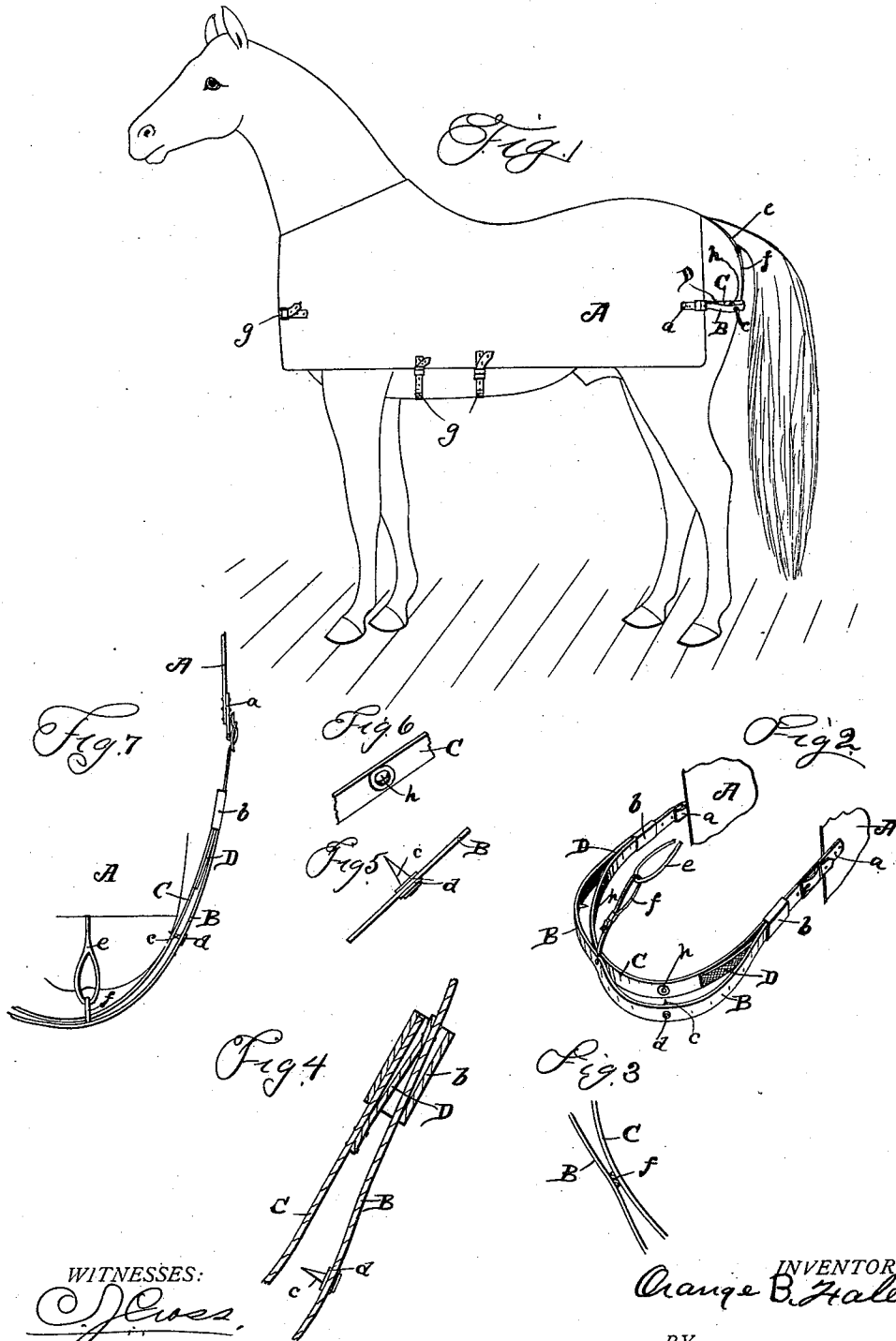


(No Model.)

O. B. FALES.
HORSE BLANKET.

No. 463,381.

Patented Nov. 17, 1891.



WITNESSES:
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HORSE-BLANKET.

SPECIFICATION forming part of Letters Patent No. 463,381, dated November 17, 1891.

Application filed July 11, 1891. Serial No. 399,129. (No model.)

To all whom it may concern:

Be it known that I, ORANGE B. FALES, a citizen of the United States, residing at Canfield, in the county of Mahoning and State of Ohio, have invented certain new and useful Improvements in Devices for Preventing Horses from Tearing Blankets; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters of reference marked thereon, in which—

Figure 1 is a view showing the blanket properly placed upon the horse and my improved device properly attached to the blanket. Fig. 2 is a view showing the piercing-strap properly attached to portions of the blanket, showing the position of the inner strap and the normal position of the piercing points and strap. Fig. 3 is a view showing portions of the piercing-strap and inner strap and the same attached together. Fig. 4 is an enlarged sectional view of the piercing-strap guide, showing its spring properly attached. Fig. 5 is a view showing a portion of the piercing-strap and a piercing-point properly attached thereto. Fig. 6 is a view showing a portion of the inner strap and one of the apertures for receiving a piercing point or stud. Fig. 7 is a view showing the piercing and inner strap brought into proper position to bring the point of the piercing-stud through the inner strap, also showing a portion of the blanket.

The present invention has relation to devices for preventing horses from tearing and removing blankets; and it consists in the peculiar construction hereinafter described, and particularly pointed out in the claims.

Similar letters of reference indicate corresponding parts in all the figures of the drawings.

In the accompanying drawings, A represents the blanket, which may be of any desired kind or style, and is placed upon the horse in the ordinary manner. To the rear end of the blanket A is attached in any convenient manner the ends of the piercing-strap B, said ends being attached opposite to each other, as illustrated in Fig. 2. If desired, a

separate strap may be buckled to the ends of the piercing-strap and the separate strap attached to the blanket. It will be understood that two straps are to be employed, if separate straps are attached to the blanket, and the piercing-strap B buckled to the separate straps *a*.

To the inner strap C are attached the guides *b*, which guides are for the purpose of holding the piercing-strap B in proper position. These guides *b* are so formed and adjusted that the piercing-strap B will be free to move back and forth a short distance through the guides *b*. The piercing-strap B is provided with the piercing-studs *c*, which studs are fixed to the piercing-strap by means of the plates *d*, which plates may be riveted to the outer ends of the piercing-studs *c*, or said piercing-studs may be attached in any other convenient manner, as I do not desire to confine myself to any particular manner of attaching the piercing-studs *c* to the piercing-straps B.

To the blanket A is attached in any convenient and well-known manner the crupper *e*, and to said crupper is attached the top or upper end or portion of the strap *f*, the bottom or lower end of said strap being attached to the straps B and C or to either one of said straps, as desired. The strap *f* is for the purpose of holding the straps C and B in the position illustrated in Fig. 1 when the blanket A is properly placed upon the horse. For the purpose of assisting and holding the blanket A upon the horse, the straps *g* are provided, which are constructed in the ordinary manner and are provided with ordinary buckles.

To the inner strap C are attached the elastic straps D, the opposite ends of said elastic straps being attached to the piercing-strap B, said elastic straps being for the purpose of normally holding the straps B in the position illustrated in Fig. 2.

In use I prefer to use a flat elastic strap or spring; but it will be understood that any other kind of a spring may be used without departing from the nature of my invention. The object and purpose of holding the strap B in the position illustrated in Fig. 2 is to prevent the piercing-studs *c* from reaching and piercing the horse, except as hereinafter described. In the event the horse attempts

to remove or tear the blanket with his teeth, the pull will cause the piercing-strap to assume the position illustrated in Fig. 7, thereby forcing the piercing-studs *c* through one of the apertures *h*, at which time the point of said piercing-studs will prick the horse and cause him to desist pulling.

For the purpose of removing the piercing-studs *c* when the horse desists from pulling his blanket, the springs or elastic straps *D* are provided, which springs automatically bring the piercing-straps *B* together with the piercing-studs *c* into the position illustrated in Fig. 2.

For the purpose of causing the piercing-studs *c* to act independent of each other, the strap *B* is fixed to the strap *C* about midway between said piercing-studs, as illustrated in Fig. 2.

Having fully described my invention, what

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

1. The combination of the blanket *A*, the straps *B* and *C*, the springs *D*, fixed to the straps *C* and *D*, and the piercing-studs *c*, fixed to the strap *B*, substantially as and for the purpose specified.

2. The combination of the blanket *A*, the straps *B* and *C*, the strap *C*, provided with the apertures *h*, and the strap *B*, provided with the piercing-studs *c*, the springs *D*, the strap *f*, and the guides *b*, substantially as and for the purpose specified.

In testimony that I claim the above, I have hereunto subscribed my name in the presence of two witnesses.

ORANGE B. FALES.

Witnesses:

E. A. C. SMITH,

F. W. BOND.