To all whom it may concern:

Be it known that I, NOAH C. WEIMER, citizen of the United States, residing at Grand Junction, in the county of Mesa and State of Colorado, have invented certain new and useful Improvements in Detachable Bridle-Blinders, of which the following is a specification.

This invention relates to an improvement in harness, and it consists essentially of an improved support and connection for the blinders by which the blinders and their supports are detachably connected.

An object of the invention is to provide an improved bridle having blinders attached thereto, in connection with stays or holders for the blinders, and releasable connection for fastening the stays or holders and the blinders together. The provision of this improved separable connection permits separation of the blinders from the stays or holders without breaking any of the parts, under the condition in which the stays or holders are usually broken by the horse wearing the bridle.

The above and additional objects are accomplished by such means as are illustrated in their preferred embodiment in the accompanying drawings, described in the following specification and then more particularly pointed out in the claim which is appended hereto and forms a part of this application.

In describing my invention in detail reference will be had to the accompanying drawings wherein like characters denote like or corresponding parts throughout the several views, and in which:

Figure 1 is a side elevation, partly broken away, of a portion of a bridle, illustrating the separable connection between the stay or holder and the blinder;

Fig. 2 is an enlarged section on the line 2—2 of Fig. 1; and

Fig. 3 is a similar view on the line 3—3 of Fig. 1.

Referring now to the drawings by numerals, 1 designates the bridle strap, 2 the blinder and 3 the stays or supports thereof.

The improvement upon which the present invention is based consists of a separable connection between the stay or holder and the blinder, such connection being made possible by the provision of a T-shaped metal clasp 4 having the terminals of its oppositely extended portions riveted or otherwise affixed at 5 to the blinder 2 preferably as shown, between the layers of material, preferably leather, of which the blinder is composed.

The stay or holder 3 for the blinder 2 is fastened to the bridle 1 in the usual manner and is provided at its free end with a spring plate 6, the said plate being riveted or otherwise affixed to the stay and being bent as indicated at 7 to form an extension 8 disposed to extend substantially parallel with the main portion of the plate but in slight spaced relation thereto, the extended portion 9 of the stay, as shown to advantage in Fig. 2, fitting between the main and the extended portion of the plate. Said plate 6 is crimped as at 10 at a point adjacent the bend 7, the crimp serving as a means whereby the plate 6 is maintained in engagement with clasp 4 under ordinary or normal conditions. Should blinder 2 be subjected to unusual strain the connection between stay 3 and blinder 2 will be broken, the break however in no way impairing the harness and permitting, when the strain is relieved, the said stay and the said blinder to be again connected as before.

In actual practice, the layers of leather of which the blinder 2 is composed are left unstitched at a point designated 11 in the drawings, the opening formed by such blinder construction permitting plate 6 of the stay to be inserted and withdrawn from engagement with the clasp 4 affixed to the blinder between the layers thereof and directly adjacent the opening 11 therein.

From the foregoing, taken in connection with the accompanying drawings it is evident that the stay or support 3 and the blinder 2 may be forcibly separated without in any way impairing the harness; that the said stay and the said blinder may be again connected in order that the latter may be braced or supported as before; and that by disposing or arranging the clamp 4 between the layers of which the blinder is composed, both the exterior and interior surface of the blinder are smooth and are as comfortable to the animal as heretofore.

In reduction to practice, I have found that the form of my invention, illustrated in the drawings and referred to in the above description, as the preferred embodiment, is the most efficient and practical; yet realizing that the conditions concurrent with the adoption of my device will necessarily vary, I desire to emphasize the fact that various conditions will necessarily vary, I desire to emphasize the fact that various
minor changes in details of construction, proportion and arrangement of parts may be resorted to, when required, without sacrificing any of the advantages of my invention, as defined in the appended claim.

Having thus fully described my invention, what I claim as new and desire to secure by Letters Patent, is:—

In a blinder including a stay, a fastener comprising a receptive member formed of a T-shaped metallic strip having its oppositely extended portions offset out of the plane of the body portion, said offset portions being apertured, rivets entering said apertures for securing the members to the blinder, and a penetrative member comprising a metallic strip having one end secured to one end of the stay, the opposite end of the strip being bent upon itself whereby the strip may be inserted, bent end first into the space between the blinder and the body portion of the receptive member, said penetrative member being struck out to form a portion to engage the edge of said body portion of the receptive member to receive the penetrative member therein.

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

NOAH C. WEIMER.

Witnesses:

W. M. CAMPBELL,

T. L. BREED.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."