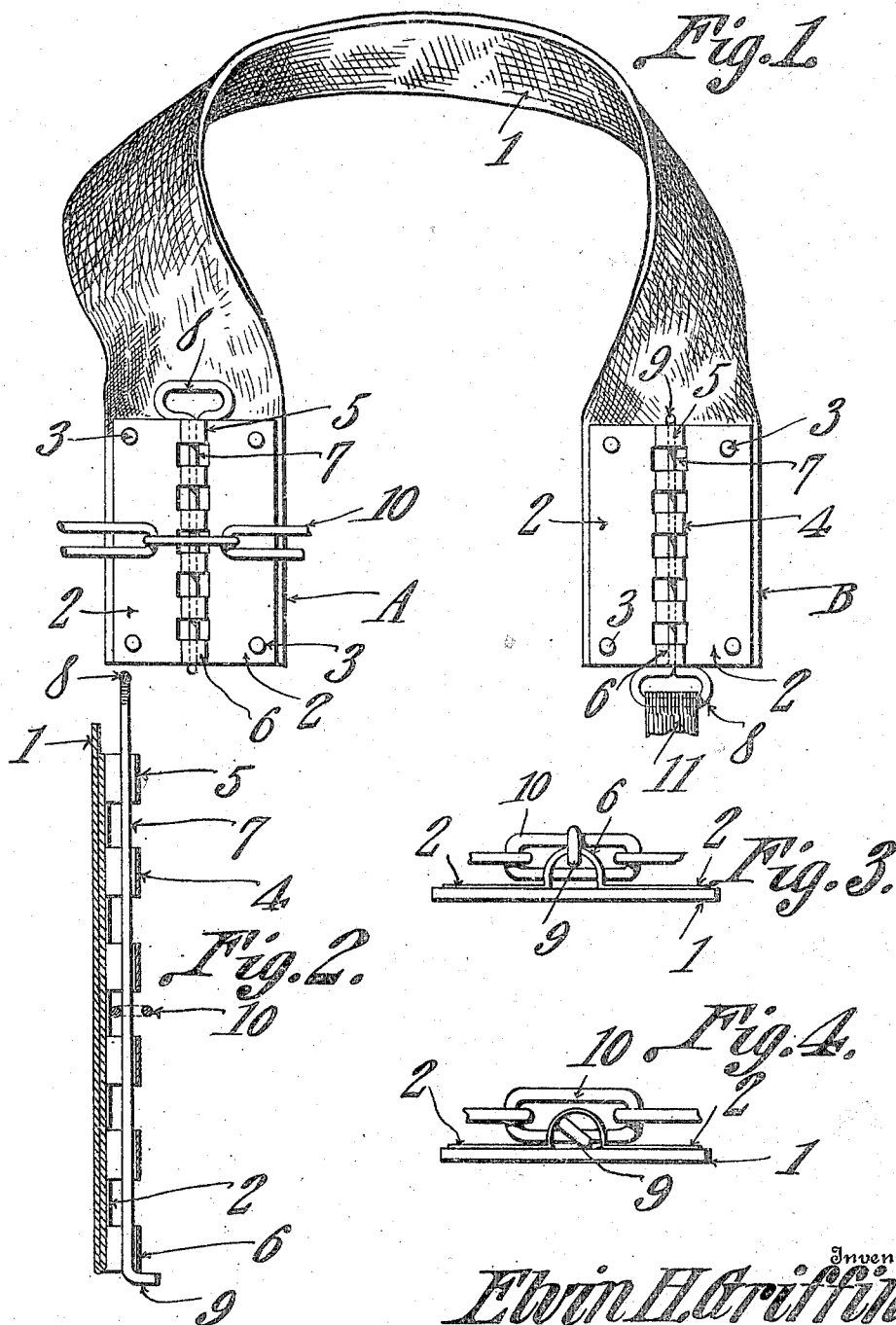


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 BACK BAND ATTACHMENT.
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957,879.

Patented May 17, 1910.



Witnesses

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UNITED STATES PATENT OFFICE.

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BACK-BAND ATTACHMENT.

957,879.

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To all whom it may concern:

Be it known that I, ELVIN H. GRIFFIN, a citizen of the United States, residing at South Boston, in the county of Halifax and State of Virginia, have invented a new and useful Back-Band Attachment, of which the following is a specification.

It is the object of this invention, to provide a back band adapted to support the traces of a harness adjustably, at different heights.

Another object of the invention is to provide a fastener for a back band, adapted to support the traces in a novel manner, the construction being such that the removable portion of the fastener may be inserted from either end thereof, to serve in one instance, merely as a trace-engaging element, and to serve in the other instance, not only as a trace-engaging element, but, as well, as an attaching means for the belly-band or the like.

Another object of the invention is to provide a novel means for retaining the removable portion of the fastener within the fixed portion thereof, without rendering the withdrawal of the removable portion difficult, when such withdrawal is desired.

With the above and other objects in view, the invention consists in the novel construction and arrangement of parts hereinafter described, depicted in the drawings, and specifically claimed, it being understood that changes, properly falling within the scope of what is claimed, may be made, without departing from the spirit of the invention.

Similar numerals of reference are employed to denote corresponding parts throughout the several figures of the drawings.

In the accompanying drawings,—Figure 1 is a perspective, the fasteners upon the ends of the band being shown in elevation, one fastener illustrating one method of mounting the pin, and the other fastener illustrating another method of mounting the pin; Fig. 2 is a longitudinal section; and Figs. 3 and 4 are end elevations showing different positions of the removable pin in the fixed portions of the device.

In carrying out the invention, a back band 1, preferably fashioned from heavy canvas or other yieldable and slightly resilient material, is provided. Fasteners are mounted upon the ends of this band, the fasteners be-

ing identical in construction, although their parts may be differently assembled.

In Fig. 1 of the drawings, one arrangement of the fastener is shown and denoted by the letter A, and another arrangement of the fastener is shown and designated by the letter B. The component parts of the structure are the same in each instance, and the description will be applied specifically to the arrangement denoted by the letter A, the arrangement denoted by the letter B being subsequently dealt with, without, however, duplicating the description of the various component parts of the fastener.

The fastener comprises a pair of spaced plates 2, slightly narrower than the back band 1, and secured to the back band, adjacent the end thereof and along the remote edges of the plates, by means of rivets 3, or other common attaching means. The adjacent edges of the plates 2 are connected by spaced bridge pieces 4 preferably formed integrally with the plates 2, and so constructed that the adjacent edges of the plate 1 are entirely unencumbered between the bridge pieces, to define openings through the fastener, located between the bridge pieces.

The trace links 10 may be mounted at any desired height between any two of the bridge pieces 4, and in order to retain the trace links 10 in place, a pin 7 is provided, adapted to be slipped beneath the bridge pieces 4, through one link of the trace, as shown in Fig. 2. This pin 7 has at its upper end, a laterally extended loop 8, which is adapted to bear upon the upper terminal bridge piece 5, in order to prevent the pin 7 from slipping through the bridge pieces. At its lower end, the pin 7 is bent at right angles to its body portion, to form a finger 9, the finger 9 being disposed in a plane at right angles to the plane of the loop 8. This finger 9 is of such a length that it will engage the periphery of the lower terminal bridge piece 6.

The device will commonly be disposed as indicated by the letter A in Fig. 1, and as shown in Fig. 2. When so disposed, the finger 9 will outstand away from the back band 1, the pin 7 being held away from the back band by means of the link 10 upon which, as shown in Fig. 2, the pin 7 is intermediately fulcrumed. The laterally extended head or loop 8, engaging the back band 1 above the plates 2, will prevent the

pin 7 from rotating, the finger 9 being thereby disposed in such a position that it will engage the periphery of the lower terminal bridge piece 6. This construction is shown in Fig. 3.

When it is desired to remove the pin 7, the back band 1 may be spaced apart from the ends of the loop 8, permitting the pin 7 to be rotated, to dispose the finger 9 thereof in the position shown in Fig. 4 of the drawings. By properly manipulating the finger 9, the same may be withdrawn through the engaged link 10, when the latter is encountered.

If desired, the pin may be disposed as indicated by the letter B in Fig. 1, the loop 8 in such case, being located at the bottom of the fastener, and the finger 9 engaging the upper terminal bridge piece 5. When the pin 7 is thus positioned, a belly-band 11 may be assembled with the loop 8, the trace, in such instance, being sustained at a fixed elevation, against either upward or downward movement.

It should be noted that the pin 7 may be inserted from either end of the device, so that either of the methods of operation shown in Fig. 1, may be employed. The construction of the device is such that the fastener is mounted entirely upon one side

of the band 1, there being no metallic parts which are likely to be brought into contact with the body of the animal.

Having thus described the invention what is claimed is:—

A device of the class described comprising a yieldable member; a pair of flat plates secured adjacent their remote edges directly to the yieldable member, there being a plurality of arched bridge pieces connecting the adjacent edges of the plates; and a pin arranged to be inserted within the bridge pieces from either end of the device, the pin having a transversely disposed loop at one end arranged to engage one of the terminal bridge pieces, and having a finger at the other end disposed at right angles to the plane of the loop and arranged to engage the periphery of the other terminal bridge piece; the loop being engageable by the yieldable member to limit the rotation of the pin within the bridge pieces.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

ELVIN H. GRIFFIN.

Witnesses:

R. H. EDMUNDSON,
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