

(No Model.)

T. J. MAGRUDER.
STRAP ATTACHING DEVICE FOR HARNESS.

No. 478,876.

Patented July 12, 1892.

Fig 1

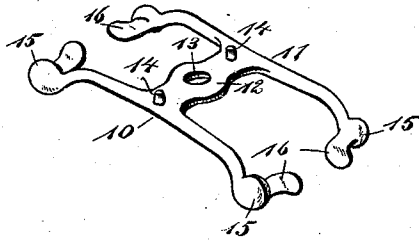


Fig 2

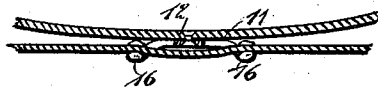
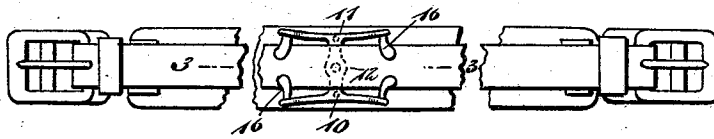
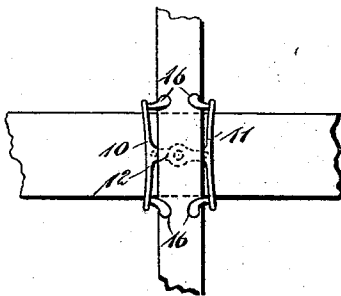


Fig 3

Fig 4



WITNESSES:

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UNITED STATES PATENT OFFICE.

THOMAS J. MAGRUDER, OF MARION, OHIO.

STRAP-ATTACHING DEVICE FOR HARNESS.

SPECIFICATION forming part of Letters Patent No. 478,876, dated July 12, 1892.

Application filed February 2, 1892. Serial No. 420,078. (No model.)

To all whom it may concern:

Be it known that I, THOMAS J. MAGRUDER, of Marion, in the county of Marion and State of Ohio, have invented a new and Improved Strap-Attaching Device for Harness, of which the following is a full, clear, and exact description.

My invention relates to a strap-attaching device for harness, and has for its object to provide a device simple, durable, and economic in its character and especially adapted for connecting the inner and outer belly-bands of a harness or for connecting any two straps crossing one another; and it consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of the device. Fig. 2 is a plan view of the device, illustrating it as applied for connecting the inner and outer belly-bands of a harness. Fig. 3 is a longitudinal section taken, practically, on the line 3 3 of Fig. 2; and Fig. 4 is a plan view of the device, illustrating it as connecting two straps, one of which crosses the other transversely.

In Fig. 1 the device is viewed from its back; and it consists of two side bars 10 and 11, which may be located one parallel with the other, or the side bars may be made to flare outward in opposite directions at their extremities. These side bars may be of any approved shape in cross-section. Ordinarily they approximate a circular formation, and they are connected at or near their centers by a bridge-bar 12, which bar is ordinarily provided with a central opening 13 and studs 14, located one at each side of the opening. When the studs are employed, they are located upon the back of the bridge-bar. The side bars 10 and 11 near their extremities are longitudinally curved in the same direction, the curve being preferably a forwardly-inclined one, so that when the back of the device is placed upon a plain surface the ends of the device will be at an elevation from the surface when the bridge-bar 12 is in engagement therewith. Each end of each side bar 10 is ordinarily given a disk-like shape, as illus-

trated at 15, and from the inner face of each extremity of each side bar a tongue 16 is inwardly projected. These tongues may be made to flare outwardly or may be made to extend transversely in direction of each other. Between each two opposing tongues 16, however, a space is left capable of receiving a strap when inserted edgewise.

In its application to belly-bands the device, as shown in Fig. 2, is secured to the inner belly-band, the back of the device engaging with that band, and the outer belly-band is held in engagement with the inner one by inserting it edgewise into the openings between the tongues 16 of the device and then turning the strap flatwise, as shown in Figs. 2 and 3, whereupon the strap will be carried across the bridge-bar and beneath the tongues 16 of the device. By this means a secure connection is effected between the two belly-bands and one may be expeditiously and conveniently disconnected from the other when occasion may demand.

In Fig. 4 the device is illustrated as attached transversely to one strap and as receiving a second strap extending transversely across the strap to which the device is attached.

In attaching the device to a strap it is riveted or otherwise secured through the medium of its opening 13 in the bridge-bar, and the lugs or studs 14, entering openings or recesses in the strap, prevent the device from having lateral or swinging movement.

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

The herein-described strap-attaching device, consisting of side bars, the extremities of which are curved upwardly, so that they will be above the surface to which the device is attached, and provided with disks having tongues projecting eccentrically from the inner faces thereof, said tongues being approximately flush with the upper surface of the side bars, and a bridge-bar connecting the side bars and provided with a central aperture and on its under surface with a stud on each side of the aperture, as specified.

THOMAS J. MAGRUDER.

Witnesses:

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S. H. RUPP.