

(No Model.)

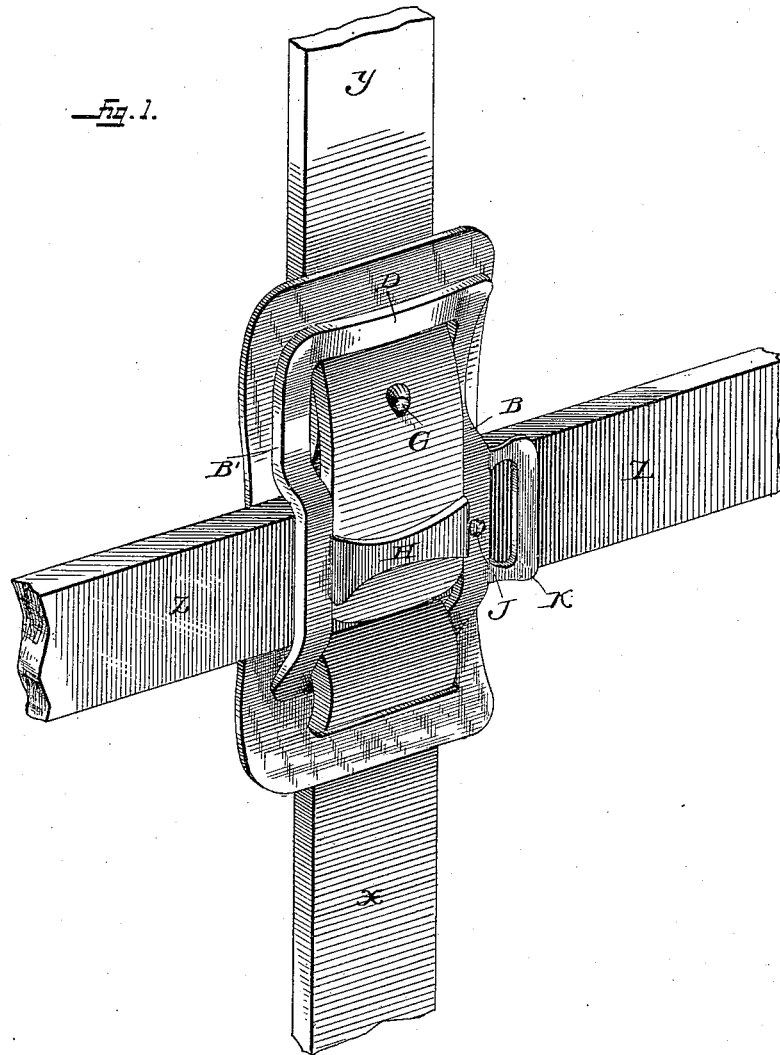
2 Sheets—Sheet 1.

J. FISCHER.

TRACE BUCKLE.

No. 343,118.

Patented June 1, 1886.



Witnesses:

W. W. Mortimer,
Wm. J. Little,

Inventor:

John Fischer,
by J. R. Little,
his Attorney.

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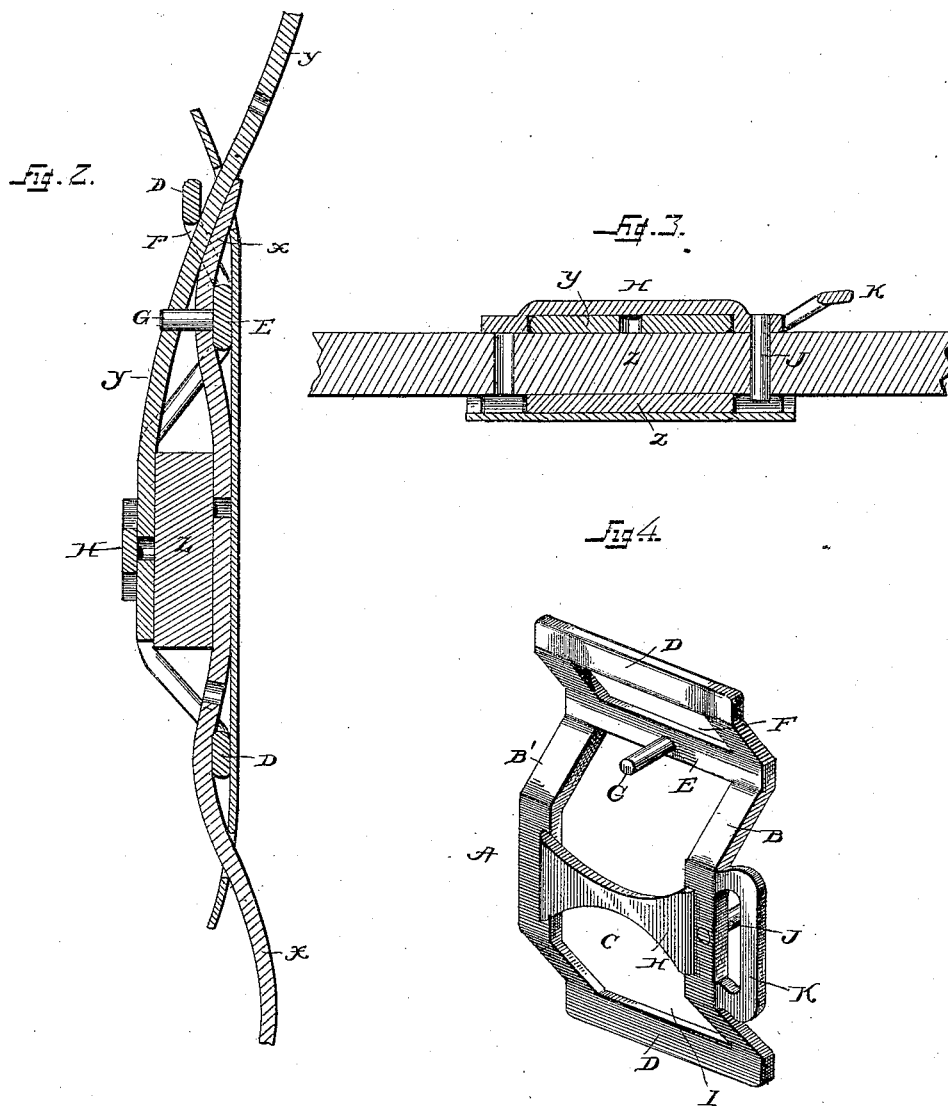
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UNITED STATES PATENT OFFICE.

JOHN FISCHER, OF LOUISVILLE, KENTUCKY, ASSIGNOR OF ONE-HALF TO
JOHN M. FINK AND HENRY B. FELDHAUS, BOTH OF SAME PLACE.

TRACE-BUCKLE.

SPECIFICATION forming part of Letters Patent No. 343,118, dated June 1, 1886.

Application filed March 29, 1886. Serial No. 197,041. (No model.)

To all whom it may concern:

Be it known that I, JOHN FISCHER, a citizen of the United States, residing at Louisville, in the county of Jefferson and State of Kentucky, have invented certain new and useful Improvements in Trace and Back-Band Couplers; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to trace and back-band couplers or carriers, the object being to provide a carrier which may be readily and quickly detachably secured to the trace, and will be held against any movement whatever upon the same, which will form a guide, and means for holding the back and belly bands in place and adapted to receive the backing-straps.

A further object of the invention is to provide a coupler of the character described which shall be simple in its construction, strong and durable, and cheap to manufacture.

With these ends in view the invention consists in the improved construction and combinations of parts hereinafter fully described, and pointed out in the claim.

In the drawings, Figure 1 is a perspective view of my improved carrier or coupler, showing portions of the trace and the back and belly bands and their relative positions. Fig. 2 is a longitudinal vertical section. Fig. 3 is a transverse section, and Fig. 4 is a perspective view of the buckle detached.

Corresponding parts in the several figures are denoted by the same letters of reference.

Referring to the drawings, A represents the buckle, which is preferably cast, and which consists of the sides B B', which are bent or curved upwardly near one end to form a raised portion, C, and connected at their ends by the end bars, D. Near one end of the buckle, at the opposite end to which the sides are bent or curved to form the raised portion C, the sides are connected by a cross-bar, E, forming, in connection with the sides and end bar, a loop, F, and extending upwardly from said cross-bar about midway its ends is a

tongue or projection, G; or rivets might be employed, the purpose of which will be more fully explained.

The raised portion C forms, in connection with the cross-bar H, which connects the sides B B', a loop, I, for retention in place of the back-band.

Extending inwardly from the side B is a tongue or projection, J, which is adapted to engage a hole or opening in the trace, and thus hold the coupler or carrier in position upon said trace, and as the carrier is supported by the back and belly bands, it will be observed that the trace is held in proper position.

Projecting laterally from the side B of the carrier A is a loop, K, located at the point at which said side is bent or curved, and adapted to receive one of the hold-back straps.

In using or applying the before-described coupler or carrier one end, *x*, of the belly-band is passed through the loop F, and an opening in said belly-band engaged with the tongue G, and said end then passed to the other end of the coupler or carrier and through the same, the belly-band resting on the upper side of the cross or end bar connecting the sides of the carrier. The end *y* of the back-band is then passed through the loop F, and one of its openings engaged with the tongue G, thus serving to hold the back-band in place thereon, and to prevent its accidental detachment. The end of the back-band is then passed under the cross-bar H, which holds said end in place. The trace *z* is then passed under the raised portion C of the carrier and between the back and belly bands, which, as will be readily seen, form a loop for the reception of the trace, the tongue or projection J engaging an opening in the trace and preventing its longitudinal movement. The hold-back strap, which is not shown, may be attached to the loop K, and may be provided with a snap-hook or other device for such attachment.

Having thus described my invention, I claim—

A carrier or coupler comprising side and end bars, the side bars being curved or bent

to form a raised portion, a cross-bar connect-
ing the sides at the raised portion, a bar con-
necting the sides near one end and forming
a loop, a tongue projecting from said bar, a
5 pin projecting inwardly from one of the side
bars, and a loop projecting laterally from one
of the sides, substantially as set forth.

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

JOHN FISCHER.

Witnesses:

M. J. REH,
H. HEWLETT.