

(No Model.)

J. P. STROLE.
TRACE CARRIER.

No. 421,989.

Patented Feb. 25, 1890.

Fig. 1.

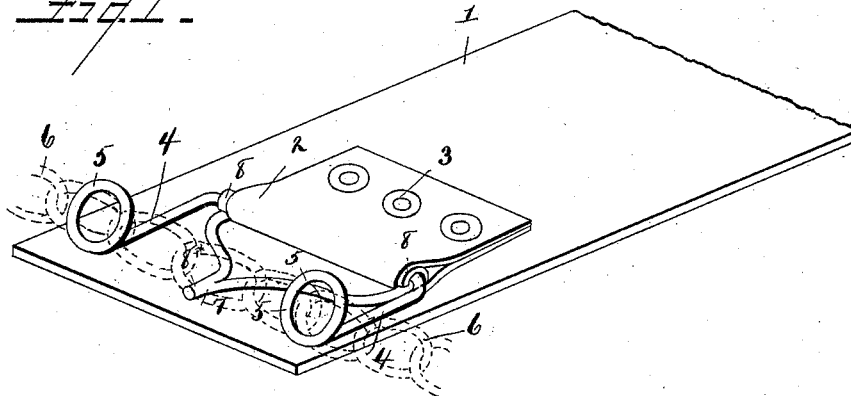


Fig. 2.

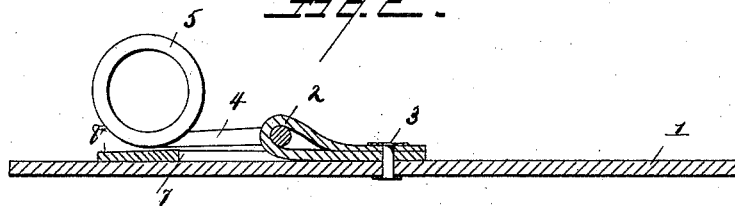


Fig. 3.

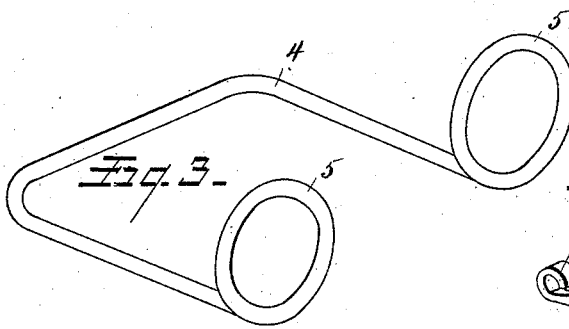
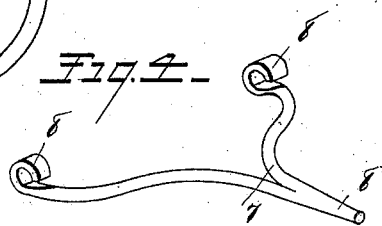


Fig. 4.



Witnesses:

David C. Wolhaupter.

W. S. Duval

Inventor

J. P. Strole.

By his Attorneys,

C. A. Snow & Co.

UNITED STATES PATENT OFFICE.

JAMES P. STROLE, OF SAN MARCOS, TEXAS.

TRACE-CARRIER.

SPECIFICATION forming part of Letters Patent No. 421,989, dated February 25, 1890.

Application filed September 13, 1889. Serial No. 323,879. (No model.)

To all whom it may concern:

Be it known that I, JAMES P. STROLE, a citizen of the United States, residing at San Marcos, in the county of Hays and State of Texas, have invented a new and useful Trace-Carrier, of which the following is a specification.

This invention has relation to a trace-carrier for heavy draft-harness, and is especially designed for that class of traces composed of links; and among the objects in view are to obviate the rubbing and chafing of the links against the harness.

With these general objects in view the invention consists in attaching a loop at each side of the back-band in line with the trace and in loosely mounting in the loop an inverted-U-shaped trace-carrier, the terminals of which form eyes adapted to support and carry the trace-chains, and also in mounting upon the inverted-U-shaped carrier a wedge-shaped locking-tongue independently movable upon the carrier, the locking end of which is designed to take into a convenient link, or where a strap is employed into an eyelet therein, and thus prevent the chafing of the trace against the back-band.

Referring to the drawings, Figure 1 is a perspective of one-half of a back-band provided with an attachment constructed in accordance with my invention. Fig. 2 is a transverse section of the same. Fig. 3 is a perspective in detail of the U-shaped carrier; Fig. 4, of the locking-tongue.

Like numerals of reference indicate like parts in all the figures of the drawings.

1 represents an ordinary back-strap of a harness, which, upon the outer face of each side, is provided with a leather or other loop 2, secured thereto by means of rivets 3 passing through the terminals of the leather loop and the back-strap.

4 represents an inverted-U-shaped trace-carrier, the ends of which terminate in open eyes 5, and the intermediate portion of which rests loosely in the loop.

6 represents a trace, in this instance formed of a series of links composing the chain which is carried by the eyes 5.

7 represents a V-shaped locking-tongue, the ends of which are bent, as at 8, to embrace the U-shaped carrier at each side of the loop 2, whereby the tongue is loosely mounted and adapted to swing upon and independent of the carrier. The lower end of the V-shaped tongue is reduced to form a shank 8*, and is adapted to be inserted into one of the links of the chain after drawing the chain taut from the hame or yoke. If a leather trace is employed, the tongue is inserted into a convenient eyelet, although the device herein described is especially designed for use in connection with traces formed of chains.

From the above description it is apparent that the chafing of the chain against the back-band and other harness is avoided, and that in a simple and inexpensive manner, which may be locked in position or withdrawn therefrom in a convenient manner.

Having described my invention, what I claim is—

The combination, with the back-band and its depending loop, of the herein-described improved trace-carrier, consisting of the inverted-U-shaped carrier-frame terminating in opposite trace-receiving eyes, and the V-shaped bifurcated tongue, the lower end of which is adapted to engage a link of the trace-chain and the upper branches or bifurcations of which are bent to form eyes, loosely receiving the frame intermediate its terminals and at each side of the loop, substantially as specified.

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

J. P. STROLE.

Witnesses:

ROBT. KYLE,
CHAS. HUTCHINGS.