

(No Model.)

S. H. WELLBORN.  
TRACE CARRIER.

No. 479,160.

Patented July 19, 1892.

FIG. 1.

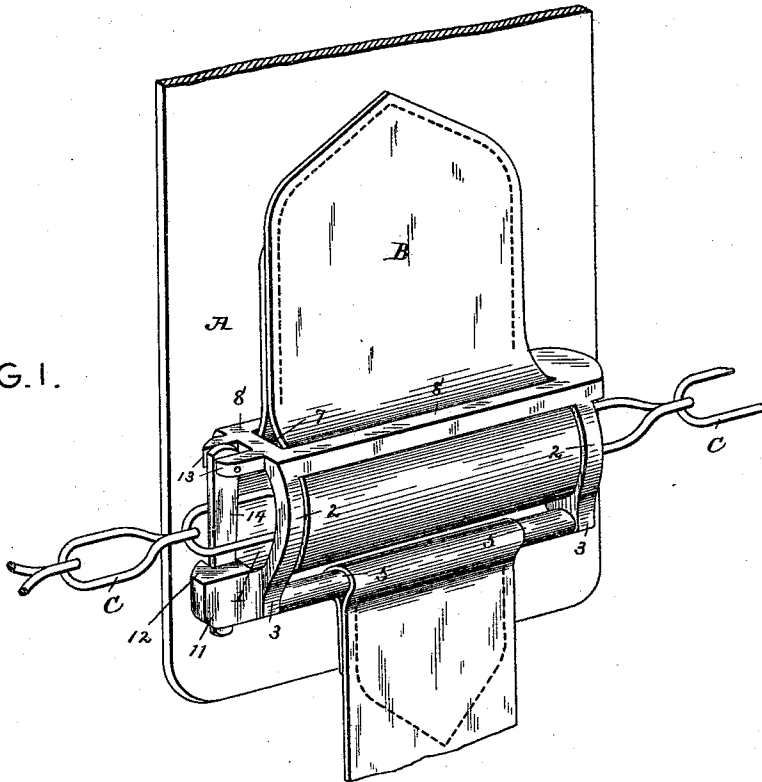


FIG. 2.

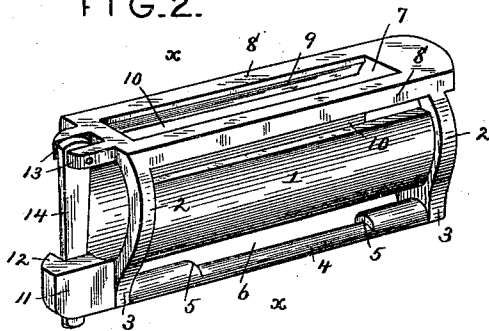
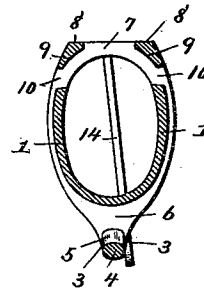


FIG. 3.



Witnesses

Inventor

Harry L. Amer.

By his Attorneys,

S. H. Wellborn.

Chas. B. Hyer

Chas. B. Hyer

# UNITED STATES PATENT OFFICE.

SAMUEL HOUSTON WELLBORN, OF CENTRE POINT, TEXAS.

## TRACE-CARRIER.

SPECIFICATION forming part of Letters Patent No. 479,160, dated July 19, 1892.

Application filed April 8, 1892. Serial No. 428,361. (No model.)

*To all whom it may concern:*

Be it known that I, SAMUEL HOUSTON WELLBORN, a citizen of the United States, residing at Centre Point, in the county of Kerr and State of Texas, have invented a new and useful Trace-Carrier, of which the following is a specification.

This invention relates to trace-carriers; and it consists of certain new and useful improvements, as will be more fully hereinafter described and claimed.

The object of this invention is to provide a trace-carrier which is not only adapted to perform the functions usually existing in devices of this class, but is provided with means for holding the same in steady position and at the same time sustaining the back-band in its place.

In the drawings, Figure 1 is a perspective view of a portion of a back-band and a trace-chain, showing the improved trace-carrier in connection therewith. Fig. 2 is a similar view of the improved device detached. Fig. 3 is a cross-sectional view of the device on the line *xx*, Fig. 2.

Referring to the drawings, A designates a back-band having a strap B secured thereto, and C is the trace-chain or tug. The carrier consists of a cylindrical body 1, having end flanges 2 depending in the form of lugs 3 from the lower side of said body and connected by a bar 4, having a recess 5 in the upper portion thereof, a space 6 being formed between said bar 4 and the lower part of the body 1. The upper part of the body 1 on each side is recessed or slotted, as at 7, to form bars 8, arranged in parallel planes with each other and beveled, as at 9, on their inner sides to permit easy passage of a strap through the same and through a slot 10 in the top of the carrier over the said body 1. Extending centrally from the lower portion of one end of the said body 1 is a lug 11, having a shouldered recess 12 and forming a keeper. On the same end, but above the keeper, are formed ears 13, between which is secured one end of a spring-latch 14, the opposite end of said latch being normally seated in the shouldered recess of the keeper. The said latch 14 extends across the opening of the cylindrical body 1 and is

adapted to be disengaged from the keeper or engaged therewith, as may be desired. Though this latch is formed of spring metal, it is also pivoted in said ears 13, so that the said latch may be first raised from engagement with the keeper and then opened out parallel with the longitudinal extent of the body 1 to permit the trace-chain or tug C to be readily inserted through the body 1 and the said latch passed through one of the links of the trace-chain and then turned to engage the keeper, as heretofore set forth. The formation of the body 1 is somewhat irregular or eccentric, so as to bring the greatest projection thereof to the exterior and take as much metal away from the side which bears on the back-band as it is possible to do, in order that the same may assume a regular position at a slight incline to prevent the several bars from being drawn too far under or out of alignment for proper engagement with the several connecting devices, as hereinafter set forth. This brings the bar 4 in an eccentric line to the said body 1, and the ears 13 are out of alignment with the keeper below the same, thereby arranging the said latch at an angle of inclination, which, owing to its spring action and the said position thereof, will be sustained firmly in connection with the keeper, as will be readily understood. The end of the strap B is inserted through the slot 10 down against the inner beveled side of one of the bars 8, over the exterior of the cylindrical body 1, through the space 6, around said body, and through the opposite slot 7 up against the beveled side 9 of the opposite bar 8 and doubled under itself and secured to the back-band. This forms a means of attachment of the carrier to the back-band. The end of the girth-strap 15 is secured in the recess 5 of the bar 4, and when connected to the girth it draws the carrier close against the back-band and holds the same in proper position, and at the same time sustains the back-band in its proper adjustment. The trace-chain or tug C is passed through the carrier and secured, as hereinbefore set forth, and is thereby prevented from sagging or becoming displaced, as will be readily understood.

The advantages and conveniences of this

form of carrier are readily apparent to those skilled in the art and need not be further set forth herein.

Having thus described the invention, what is claimed as new is—

1. In a trace-carrier, the combination of an elongated substantially cylindrical body arranged obliquely to a vertical line and provided with upper and lower supporting-bars and a spring-latch extending across one open end of said body at an angle of inclination to a vertical line, substantially as described.

2. In a trace-carrier, the combination of a cylindrical body of elongated form and obliquely arranged and having slots in the up-

per part thereof to form bars, a central top slot between said bars, and a lower bar having a recess therein, an obliquely-inclined spring-latch extending across one of the open ends of said body, the back-band having a strap to pass around said body, and a girth-strap connected to said lower recessed bar, substantially as described.

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

SAM. HOUSTON WELLBORN.

Witnesses:

JAMES SELLERS,

WM. WILLIAMS.