L. E. WALKER.
Trace-Carrier.

No. 195,909. Patented Oct. 9, 1877.

Fig. 1.

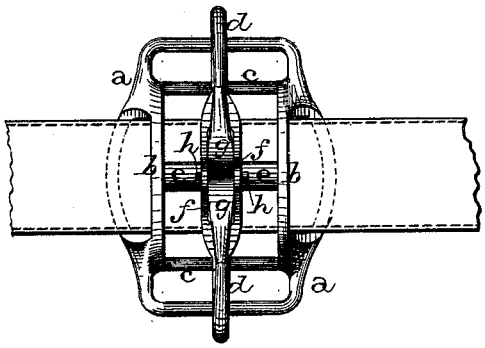
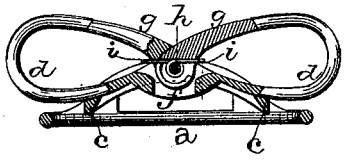


Fig. 2.



WITNESSES.
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per
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Atty

UNITED STATES PATENT OFFICE.

LEWIS E. WALKER, OF BEDFORD, IOWA.

IMPROVEMENT IN TRACE-CARRIERS.

Specification forming part of Letters Patent No. **195,909**, dated October 9, 1877; application filed September 8, 1877.

To all whom it may concern:

Be it known that I, LEWIS E. WALKER, of Bedford, in the county of Taylor and State of Iowa, have invented certain new and useful Improvements in Trace Carriers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings; which form part of this specification.

My invention relates to an improvement in trace-carriers; and it consists in the arrangement and combination of parts that will be more fully described hereinafter, whereby an effective, cheap, and simple double snap for trace-carriers is produced.

The accompanying drawings represent my invention.

a represents the base of a frame which supports the double snap-hook. Extending parallel with the length of the frame are two supports, *b*, which curve upward, forming an arch, as shown, through which the back-strap of the harness passes. Connecting the ends of these arches *b* are two parallel cross-bars, *c*, in the upper edges of which notches are cut, and which notches serve to hold both hooks *d* in position.

These hooks *d*, formed in a single piece, rest upon the cross-bars *c*, and are enlarged at their center, and from the sides of this enlargement extend the projections *e*, which pass under the arches *b*, and fit into notches that are made to receive them. By means of this arrangement the snap-hooks are held firmly in position, the notches on the cross-bars *c* preventing any lateral motion at their ends, and the notches and projections *e* serving to keep them from moving back and forth.

Through the center of the hook *d* is made a vertical hole, as shown at *f*, and into this hole the ends of the tongues *g* are pivoted.

These tongues *g* have one-half of their rear ends cut away, so that they may fit together perfectly, and are held by means of the rivet *h* and the sides of the hole *f*, in which they are secured.

Coiled around the rivet *h*, between the ends of the tongues, is a wire spring, *i*, the ends of which extend in opposite directions and press against the under sides of the tongues *g*, thus causing them to press upward against the hooks *d*, as shown.

In order to secure the traces, the tongues *g* are pressed downward, and the cockeye is caught into the hook, in the usual manner.

Having thus described my invention, I claim—

In a trace-carrier, the combination of the frame *a*, having the notched cross-bar *c*, rigid double hook *d*, formed of a single piece, projections *e* to catch under the supports *b*, tongues *g*, pivot *h*, and springs *i*, the parts being arranged to operate as shown.

In testimony that I claim the foregoing I have hereunto set my hand.

LEWIS E. WALKER.

Witnesses:
L. A. WALKER,
JOEL WALKER.