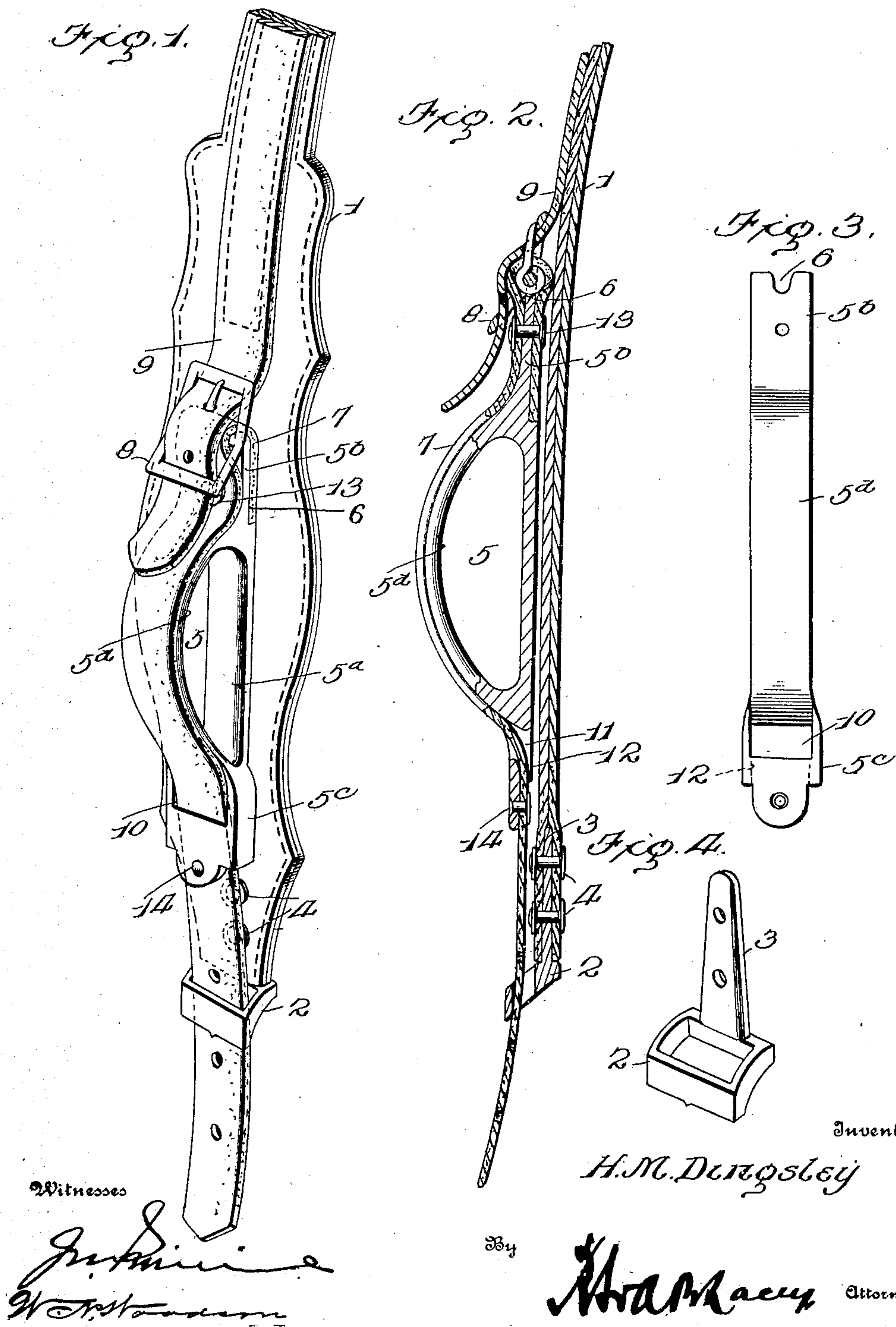


H. M. DINGSLEY.
 ADJUSTABLE TRACE SUPPORT AND SKIRT END LOOP.
 APPLICATION FILED MAY 23, 1908.

919,554.

Patented Apr. 27, 1909.



UNITED STATES PATENT OFFICE.

HIRAM M. DINGSLEY, OF HASTINGS, NEBRASKA.

ADJUSTABLE TRACE-SUPPORT AND SKIRT-END LOOP.

No. 919,554.

Specification of Letters Patent.

Patented April 27, 1909.

Application filed May 23, 1908. Serial No. 434,557.

To all whom it may concern:

Be it known that I, HIRAM M. DINGSLEY, a citizen of the United States, residing at Hastings, in the county of Adams and State of Nebraska, have invented certain new and useful Improvements in Adjustable Trace-Supports and Skirt-End Loops, of which the following is a specification.

The present invention relates in general to harness, and more particularly to a novel means for supporting the traces.

The object of the invention is the provision of an improved trace support and skirt end loop which are simple and inexpensive in their construction and will operate in an effective manner to support the trace in the desired position.

For a full understanding of the invention and the merits thereof and also to acquire a knowledge of the details of construction and the means for effecting the result, reference is to be had to the following description and accompanying drawings, in which:

Figure 1 is a perspective view of a trace supporting device embodying the invention. Fig. 2 is a longitudinal sectional view through the same. Fig. 3 is a plan view of the trace receiving loop detached. Fig. 4 is a detail view of the skirt end loop.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

Referring to the drawing, the numeral 1 designates a skirt such as are pendent from a pad and hang upon opposite sides of a horse. Applied to the lower end of the skirt 1 is a loop 2 which is offset diagonally from the skirt and is formed with a shank 3. This shank is inserted between the two thicknesses of material of which the skirt is formed and is formed with openings designed to receive the rivets 4 or similar fastening members by means of which the loop is secured in position. Adjustably mounted upon the skirt above the loop 2 is a trace supporting loop 5 which comprises a base 5^a provided with an upper extension 5^b and a lower extension 5^c, and an outwardly bowed keeper 5^d which is designed to receive the trace. The inner face of the upper extension 5^b is recessed or cut away at 6 to receive

the extremity of a strap 7 which extends around the upper extension 5^b and also around the outer face of the keeper 5^d. The portion of the strap 7 passing around the upper extension 5^b receives the cross bar of a buckle 8 which adjustably engages a strap 9 which has the upper end thereof stitched or otherwise secured to the skirt. By moving the buckle up and down upon this strap 9 it will be obvious that the trace supporting loop 5 may be vertically adjusted upon the skirt as required. The strap 7 after passing around the keeper 5^d extends through an opening 10 in the extension 5^c at the lower end of the trace supporting loop. This lower extension 5^c has the inner face thereof recessed at 11 to receive the strap 7 and flanges 12 upon opposite sides of the recess 11 serve to prevent lateral displacement of the strap. This strap is shown as secured to the upper extension 5^b by means of a rivet 13 and to the lower extension 5^c by a similar rivet 14. The portion of the strap 7 below the trace supporting loop 5 passes loosely through the skirt end loop 2 and constitutes the belly band billet. The trace is designed to pass loosely through the loop 5 and is supported in the desired position by means of this loop which can be raised or lowered upon the skirt by adjusting the buckle 8 upon the strap 9.

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

In a trace carrier, the combination of a trace supporting loop provided with an upper extension and a lower extension, the lower extension having an opening therein, a belly band billet returned around the upper extension and passing around the outer portion of the loop and through the opening in the lower extension thereof, fastening members securing the belly band billet to the upper and lower extensions of the trace supporting loop, and a buckle engaged by the returned portion of the belly band billet.

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

HIRAM M. DINGSLEY. [L. S.]

Witnesses:

J. H. UERLING,
M. A. KOBER.