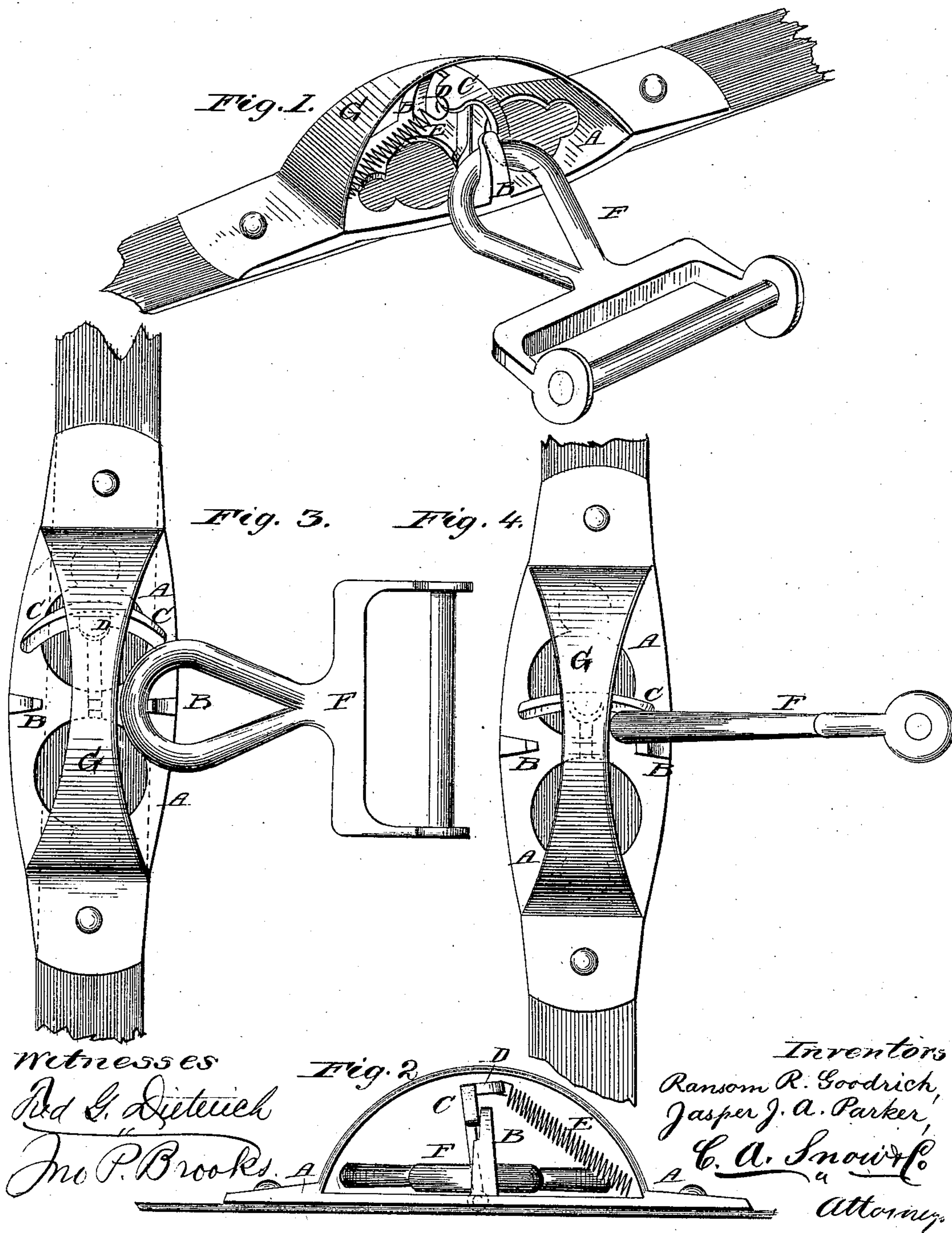


R. R. GOODRICH & J. J. A. PARKER.
Trace-Carrier.

No. 207,513.

Patented Aug. 27, 1878.



UNITED STATES PATENT OFFICE.

RANSOM R. GOODRICH AND JASPER J. A. PARKER, OF DAILEY, MICHIGAN.

IMPROVEMENT IN TRACE-CARRIERS.

Specification forming part of Letters Patent No. **207,513**, dated August 27, 1878; application filed July 13, 1878.

To all whom it may concern:

Be it known that we, RANSOM R. GOODRICH and JASPER J. A. PARKER, of Dailey, in the county of Cass and State of Michigan, have invented certain new and useful Improvements in Trace-Carriers; and we do hereby declare that the following is a full, clear, and exact description of our invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a view, in perspective, of a trace-carrier embodying the improvements in this invention affixed to the top of the back-strap. Fig. 2 is a side elevation. Fig. 3 is a plan view, showing the manner of connecting the trace-hook with the carrier, the hook being only partially inserted; and Fig. 4 is a plan view, showing the manner of disconnecting the hook and carrier, the hook being turned up ready for removal.

This invention has relation to trace-carriers for harness; and consists in the improvements in the construction of the same hereinafter fully described, and particularly pointed out in the claim.

In the accompanying drawing similar letters of reference indicate like parts in the invention.

A base-plate, A, constructed to be secured to the top of the back-strap, is provided with the centrally-located studs or lips, B B, between which is hinged the T-shaped tongue C, having on one side, at its top, the lug D, which receives one end of a spring, E, the other end being connected with the base-plate A, as shown, for the purposes of holding the

top of the tongue C against the points of the studs B B, to close the opening between them, and to permit the tongue C to be forced away to admit the eye of the trace-hook F, which, when in place, encircles the front stud, B.

To connect the hook F with the carrier, turn it edge up and hold it against the lip or stud B; then twist it half around in the direction that will carry the tongue C away from the studs B B. By the time that the hook F has reached the top of the base-plate A the top of the tongue C will have slipped over one side of the eye of the hook, and will have been drawn back against the studs B B by the spring E. To remove the hook F it is only necessary to give it a quarter-turn in the same direction, which will force the tongue C away from the studs B B, and the hook may be withdrawn.

The shield or guard G protects the tongue C, and prevents it from being accidentally operated.

Having thus fully described our invention, what we claim as new and useful, and desire to secure by Letters Patent, is—

In a trace-carrier, the base-plate A, having the guard G and the studs B B, in combination with the hinged T-shaped tongue C and the spring E, constructed and operating substantially as and for the purpose set forth.

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in presence of two witnesses.

RANSOM R. GOODRICH.
JASPER J. A. PARKER.

Witnesses:

ORSON RUDD,
DAVID B. GAWTHROP.