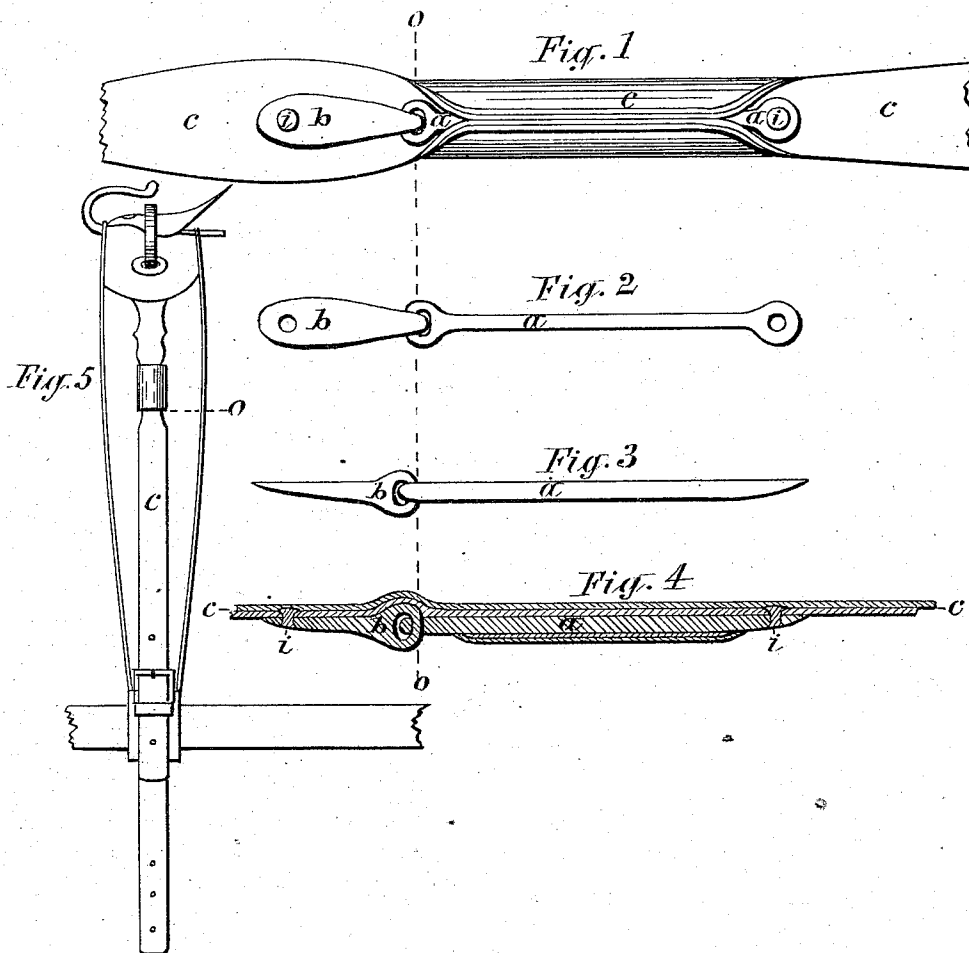


W. EIGABROADT.

Metallic-Jointed Stays for Harness-Saddle Bearers.

No. 157,911.

Patented Dec. 22, 1874.



WITNESSES:

Christian Holmstrup.

Wm Bradley

INVENTOR:

Walter Eigabroadt

UNITED STATES PATENT OFFICE

WALTER EIGABROADT, OF SYRACUSE, NEW YORK.

IMPROVEMENT IN METALLIC JOINTED STAYS FOR HARNESS-SADDLE BEARERS.

Specification forming part of Letters Patent No. **157,911**, dated December 22, 1874; application filed February 21, 1874.

To all whom it may concern:

Be it known that I, WALTER EIGABROADT, of Syracuse, in the county of Onondaga, in the State of New York, have invented a new and useful Improvement in Metallic Jointed Stay for Harness-Saddle Bearers, of which the following, taken in connection with the accompanying drawing, is a full, clear, and exact description.

The object of this invention is to furnish a safe and reliable supporter for the harness-saddle bearer at a point where it receives the greatest strain and is most liable to break; and it consists in a jointed metallic strip fastened to the harness-saddle bearer at the point where the greatest strain exists, which is generally the point where it is narrowed and rounded to pass under the loop or keeper.

In the drawing, Figure 1 shows the portion of the harness-saddle bearer to which the jointed metallic strip is attached. Fig. 2 is a top view of the jointed metallic strip; Fig. 3, a side view of same; Fig. 4, a sectional view, showing the manner of fastening the metallic strip to the harness-saddle bearer. Fig. 5 is a view of a harness-saddle, showing the point where the metallic strips or supporter is to be attached to the harness-saddle bearer.

c is the harness-saddle bearer. *a* is a metallic strip, which is to be incased and covered by the harness-saddle bearer, as shown in Fig.

1, and is attached thereto by the rivet *i*. *b* is a metallic strip, which is linked to the strip *a*, and is also attached to the harness-saddle bearer by a rivet, *i*. *c* is the harness-saddle bearer. *o o* indicate the point where the harness-saddle bearer receives the greatest strain.

The harness-saddle bearer being the strap which holds the thills of a vehicle it receives a constant strain from the movement the thills are subject to, and a breakage of the same is very dangerous, and has often had serious results. This strain being variable and wrestling, it is necessary to provide the metallic supporter with a loose joint, which is to be placed at the lowest fastening of the harness-saddle tree to the skirt, as indicated in the drawing by letter *o*.

I claim—

The jointed metallic strips, constructed as shown, in combination with a harness-saddle bearer, substantially as shown and described.

In testimony whereof I have signed my name and affixed my seal, in the presence of two attesting witnesses, at Syracuse, in the county of Onondaga and State of New York, this 17th day of February, 1874.

WALTER EIGABROADT. [L. S.]

Witnesses:

CHRISTIAN HOLMSTRUP,
WM. BRADLEY.