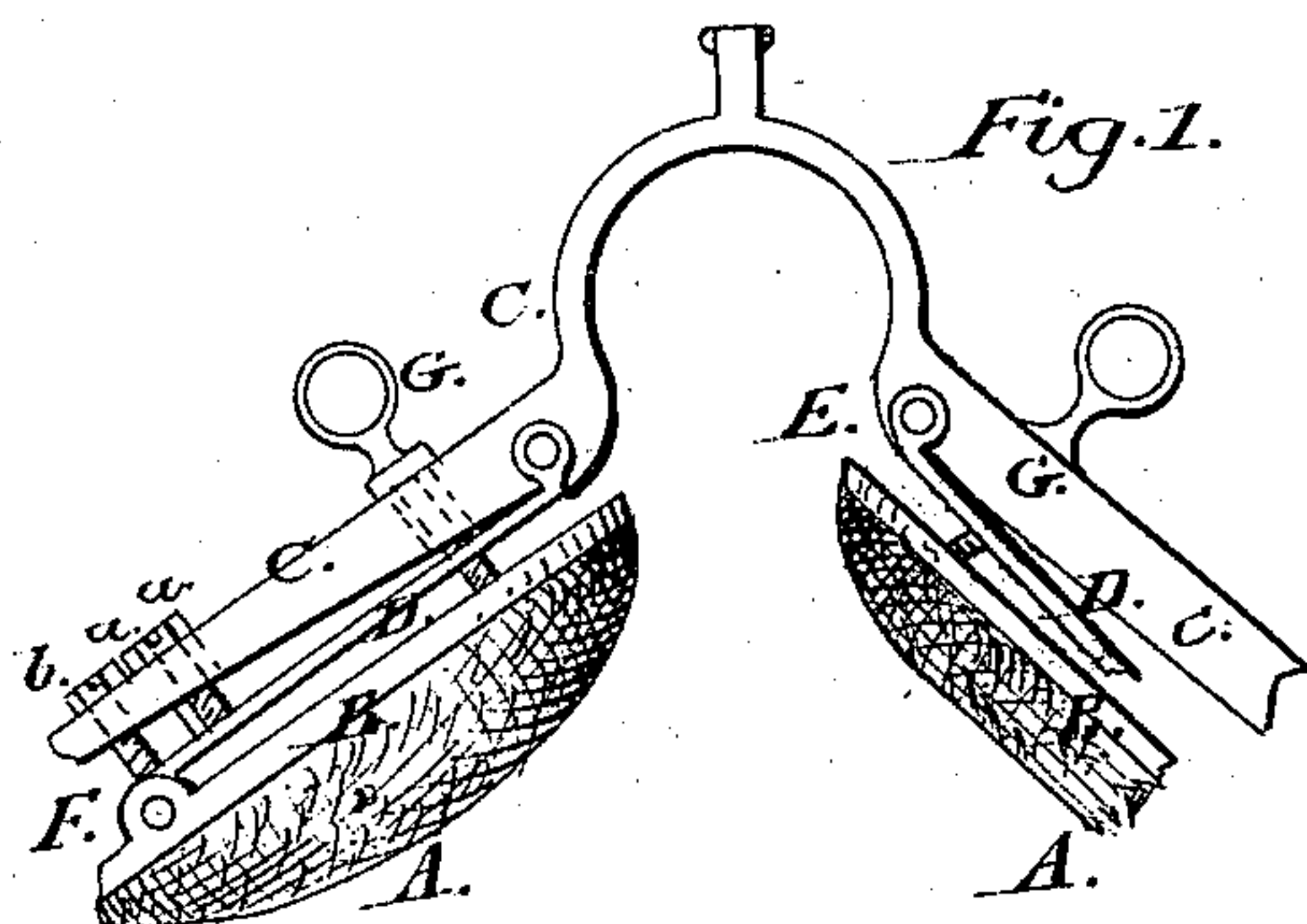


J. L. Van Wert.

Harness Saddle.

N^o 98,899.

Patented Jan. 18, 1870.



Witnesses:
Chas. P. Dean
F. M. Brown

Inventor:
J. L. Van Wert
per
Gardner & Hyde
attys.

United States Patent Office.

J. L. VAN WERT, OF TOLLAND, MASSACHUSETTS.

Letters Patent No. 98,899, dated January 18, 1870.

IMPROVEMENT IN HARNESS-SADDLES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, J. L. VAN WERT, of Tolland, Hampden county, State of Massachusetts, have invented certain new and useful Improvements in Harness; and I do hereby declare that the following is a full and clear description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

In the drawings—

Figure 1 is a side view of a part of my improvements.

My invention consists in certain new and useful improvements in the construction of the saddle of a harness, whether double or single, light or heavy.

The first of these relates to the adjustment of the pads of a saddle, such as is ordinarily used in carriage-harness. The side view in fig. 1 shows that the cushions A and A are attached to pads B and B, formed of metal or other suitable material, and adjusted to the saddle-tree C by means of screws, which, being turned, regulate the relative inclinations of the pads B to the saddle-tree C.

In order to get a greater range of adjustability, the pads are not immediately connected with the saddle-

tree, but are connected by means of links D, which are hinged at the lower ends to the pads, and at their upper ends to the saddle-tree, at E and F, respectively.

An adjusting-screw, G, at each upper part of the link, is formed of the shanks of the rings, which are nutted through the links D, and are headed in the pads B, so that, when turned, they alter the relative distances of the pads from the links, and as the links themselves are adjustable to the lower ends of the tree, by means of the set-screws *a a* and *b*, the pads are thus made adjustable in any degree of angle necessary to suit the horse's back the saddle is put upon.

Various alterations may be made, without altering the principle of my invention, as here described; and

What I claim as new, and desire to secure by Letters Patent, is—

The combination of the saddle-tree C, pads B B, and links D, the parts being arranged as shown, and operated by the screws G G and *a a* and *b*, substantially as set forth.

J. L. VAN WERT.

Witnesses:

EDWARD H. HYDE,
J. B. GARDINER.