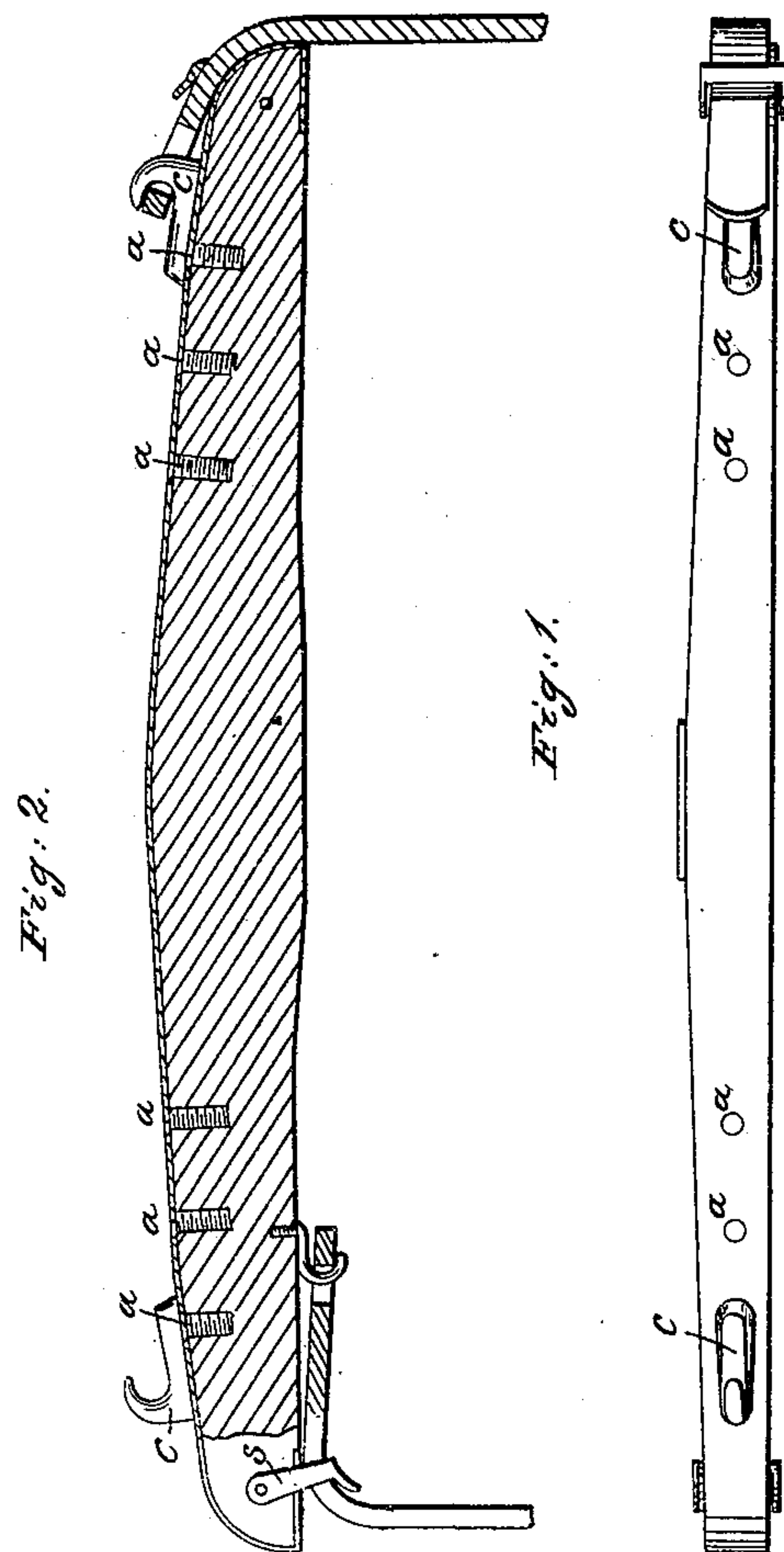


N. WESTCOTT.

Whiffletree.

No. 90,901.

Patented June 1, 1869.



Witnesses:
Edwin J. McLean.
J. McPool

Inventor:
N. Westcott.
Chipman H. Overton & Co.
attys.



NORMAN WESTCOTT, OF MORRISVILLE, NEW YORK.

Letters Patent No. 90,901, dated June 1, 1869.

IMPROVEMENT IN WHIFFLETREES.

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, NORMAN WESTCOTT, of Morrisville, in the county of Madison, and State of New York, have invented a new and valuable Improvement in Whiffletrees; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1, of the drawings, is a rear view of the whiffletree.

Figure 2 is a longitudinal sectional view of the same.

My invention relates to whiffletrees; and it consists mainly in the construction and arrangement of novel means by which the tugs of the harness may be lengthened or shortened at the whiffletree, instead of at the side of the harness, as is usually done.

The letters *a* represent screw-holes in the rear side of the whiffletree, adapted to receive and hold the screws, as hereinafter mentioned.

The letter *c* is a hooked screw-head, with a screw attached. The screw is adjusted in a screw-hole, *a*, by turning the hooked head round and round.

The letter *s* is a staple affixed to the end of the whiffletree, as shown, and is designed to serve as a guide and holder for the tug, as mentioned hereafter.

I sometimes attach a staple and hook to the front side of the whiffletree, in the manner shown at the left-hand end of fig. 2, but I generally prefer to use the device shown on the right-hand end of said figure.

To operate my whiffletree, I adjust the screw in any of the holes *a* that may be required to give the necessary length to the tug, and then pass the hook through a suitable opening at the rear end of such tug.

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

A whiffletree, having apertures *a*, screws with hooked heads thereto, as described, and staples *s*, constructed and operating substantially as and for the purposes specified.

In testimony that I claim the above, I have hereunto subscribed his name, in the presence of two witnesses.

NORMAN WESTCOTT.

Witnesses:

A. P. TILLINGHAST,
LUCIUS P. CLARK.