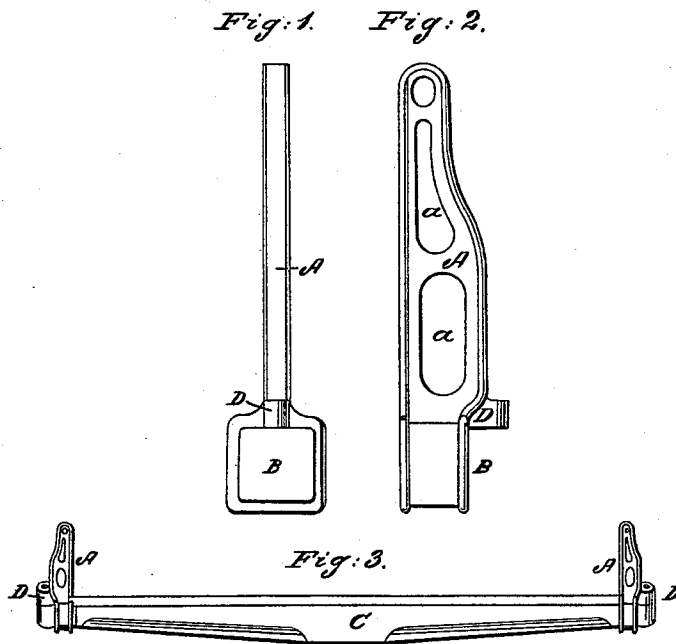


E. MILNER.
Wagon Stake.

No. 95,923.

Patented Oct. 19, 1869.



Witnesses:
James Thierry
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Inventor:
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United States Patent Office.

EDWARD MILNER, OF MARQUETTE, MICHIGAN.

Letters Patent No. 95,923, dated October 19, 1869.

IMPROVED WAGON-STAKE.

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

To whom it may concern:

Be it known that I, EDWARD MILNER, of Marquette, in the county of Marquette, and State of Michigan, have invented a new and useful Improvement in Wagon or Bolster-Stakes; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, and being a part of this specification.

Figure 1 is a front elevation.

Figure 2 is a side elevation.

Figure 3 is a view of my stake attached to a bolster. Like letters indicate like parts in each figure.

The nature of my invention relates to an improvement in the construction and attachment of wagon-stakes to bolsters; and consists in a metallic stake, provided with an eye at its lower extremity, which passes over the end of the bolster, where it is held in place by means of a suitable bolt, passing through a proper lug on the stake, into or through the bolster.

In the drawings, A represents a cast-iron stake, which may be made of any desired form, and which may be lightened, if required, by cutting out, as at *a*.

This stake is provided with an eye, B, at its lower

extremity, of the proper size to slip over the end of the bolster C.

A lug, D, should be cast upon the outer edge of the stake, through which there should be a suitable hole, to insert the bolt hereinbefore described.

If it is preferable, the stake may be made of wood, and inserted into a suitable socket upon the top of a wrought or cast-iron eye.

By the use of a stake of the above description, the necessity of weakening the bolster by mortising, to receive the tenon of a stake, as ordinarily constructed, is avoided, and also the necessity of banding the end of the bolster with an iron plate, as is often done; also, the necessity of the iron brace, which usually extends from the outer end of the bolster to near the top of the stake.

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

The stake A, when provided with the eye B and lug D, in connection with the bolster C, substantially as herein described.

Witnesses:

EDWARD MILNER.

JAS. I. DAY,
H. F. EBERTS.