

J. HARDING.

Improvement in Wagon-Standards.

No. 114,808.

Patented May 16, 1871

fig: 1

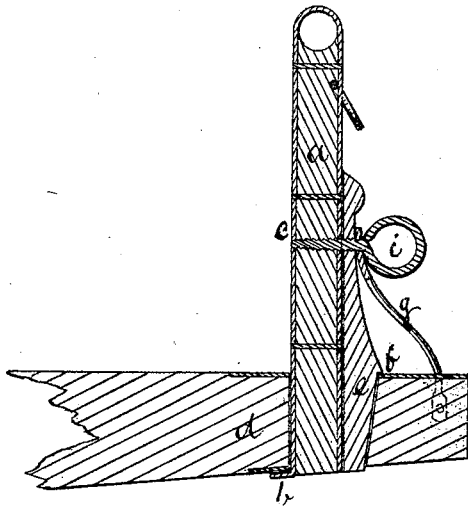


fig: 2

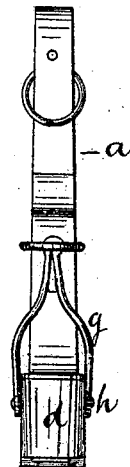
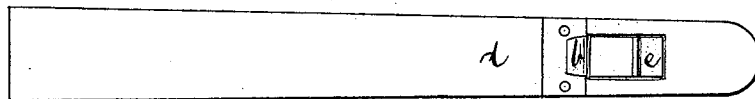


fig: 3



Witnesses
Geo C Lambright
Robert Everett.

Inventor
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United States Patent Office.

JOSIAH HARDING, OF AINSWORTH, IOWA.

Letters Patent No. 114,808, dated May 16, 1871

IMPROVEMENT IN WAGON-STANDARDS.

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

I, JOSIAH HARDING, of Ainsworth, in the county of Washington and State of Iowa, have invented a certain Improvement on Wagon-Standards, of which the following is a specification.

The object of my invention is to meet the wants of farming communities and of individuals generally where and by whom the ordinary box-wagon is used; and

My invention consists in so connecting the standards to the axle-bar that they may readily and conveniently be removed or detached when for any reason it is desirable to remove the standard.

The accompanying drawing shows a standard constructed under my invention—

Figure 1 thereof being a view by vertical section;

Figure 2, a view by the side of the wagon; and

Figure 3, a view of the bottom of the axle-bar.

In each of these figures where like parts are shown like letters are used to indicate the parts.

The standard *a* may be made of wood or of iron. When made of iron the flange *b* can be an extension, cast or welded, and when made of wood the flange will be a continuation of the binding strip of metal *c*.

The mortise in the bar *d* will be made sufficiently large to admit the standard and the wedge *e*.

The wedge is shouldered at *f*. Against it rests the upper end of the brace *g*, which is hinged to the bar at *h*.

The thumb-screw *i* passes through brace, wedge, and standard, connecting the three pieces to each other, while the flange *b*, holds the standard in the mortise or socket.

In order to detach the standard it is only necessary to turn out the thumb-screw, turn down the hinged brace, lift out the wedge, and slide back the standard sufficiently far to relieve the flange on the end of the standard.

I claim as my invention—

The combination of the hinged brace *g*, thumb-screw *i*, wedge *e*, and standard *a*, having a flange, *b*, as and for the purpose herein recited.

This specification signed this 16th day of March, 1871.

Witnesses:

JOSIAH HARDING.

WM. H. BANISTER,
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