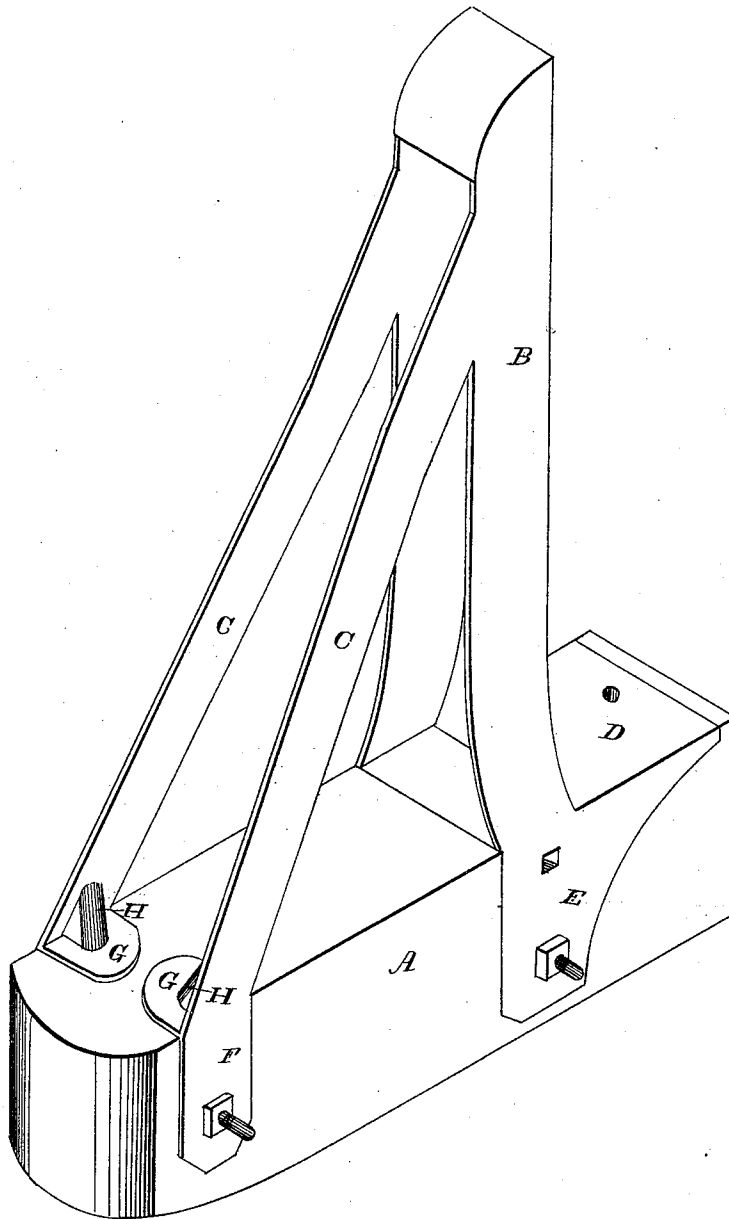


J. HENRY,  
Wagon Standard.

No. 101,014.

Patented March 22, 1870.



Witnesses  
Jno. G. Boone  
Geo. H. Strong

Inventor.  
John Henry  
by Dewey &  
His Attorneys

# United States Patent Office.

JOHN HENRY, OF SUISUN, CALIFORNIA.

*Letters Patent No. 101,014, dated March 22, 1870; antedated March 1, 1870.*

## IMPROVED WAGON-STANDARD.

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, JOHN HENRY, of Suisun, county of Solano, State of California, have invented an Improved Metallic Wagon-Standard; and I do hereby declare the following description and accompanying drawings are sufficient to enable any person skilled in the art or science to which it most nearly appertains to make and use my said invention or improvement without further invention or experiment.

My invention relates to an improved Wagon-Standard, such as is used at the ends of bolsters on wagons, for confining the bed or load upon the wagon-frame and keeping it in place; and

It consists in an improved construction and manner of attaching the same to the bolsters, one of the chief points being to render it light, but strong.

The manner of securing the standard to the bolster is such that it can by no possibility become loose while in use.

To more fully describe and illustrate my invention, reference is had to accompanying drawings forming a part of this specification, in which—

A represents a section from the end of a wagon-bolster.

The standard B is made of sheet or plate metal, bent so as to have three sides, as shown, and having the arms or braces C C, extending from near its top, at an angle toward the end of the bolster.

These braces may be cut from the same piece of metal which forms the standard, or they may be cut separate and riveted or welded to the side or leaf of the standard, as most convenient and practicable.

A plate, D, is also cut from a piece of sheet or plate metal enough wider than the width of the bolster to allow of its being bent at right angles at each side, so as to fit down over the bolster, and have the flanges or side plates E extend a sufficient distance down the side of the bolster to clasp it firmly, and allow bolts to be passed through from side to side, in order to secure it.

Screws or bolts may also be passed vertically through

the plate D, into the bolster, thus giving additional firmness of attachment.

The standard B is welded or secured in some suitable and proper manner to this plate, so as to stand vertically above it, the straight side being placed toward the inside of the wagon.

The braces C pass from near the top of the standard at the desired or proper angle toward the end of the bolster, where they are cut, so as to form vertical side plates F, which rest against each side of the bolster opposite to each other, while bolts pass through from side to side, and secure them firmly to the bolster.

Secured on the inside of these braces, so as to rest upon the upper side of the bolster, are plates G G, and a small projection or lug, H, fits in the angle thus formed, which also serve as stays to the braces C.

The plates G may be screwed or bolted to the bolster similar to the plate D.

By this construction I have a light, cheap, and strong wagon-standard, capable of standing great strains without injury. It is also so secured to the bolster that it cannot become loose and unstable.

Having thus described my invention,

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

1. A wagon-standard constructed of sheet or plate metal, substantially as and for the purpose herein described.

2. The cap or bent plate D with the metallic standard B and metal braces C, said metal braces being provided with the lugs H and plates G, the whole constructed in one piece, and secured and bolted to the bolster, substantially as above specified.

In witness whereof I have hereunto set my hand and seal.

JOHN HENRY. [L. S.]

Witnesses:

L. H. FOWLER,  
GILBERT WRIGHT.