(No Model.)

H. C. BUCKINGHAM.

STANDARD FOR WAGON BOLSTERS.

No. 502,346. Patented Aug. 1, 1893.

Fig. 1.

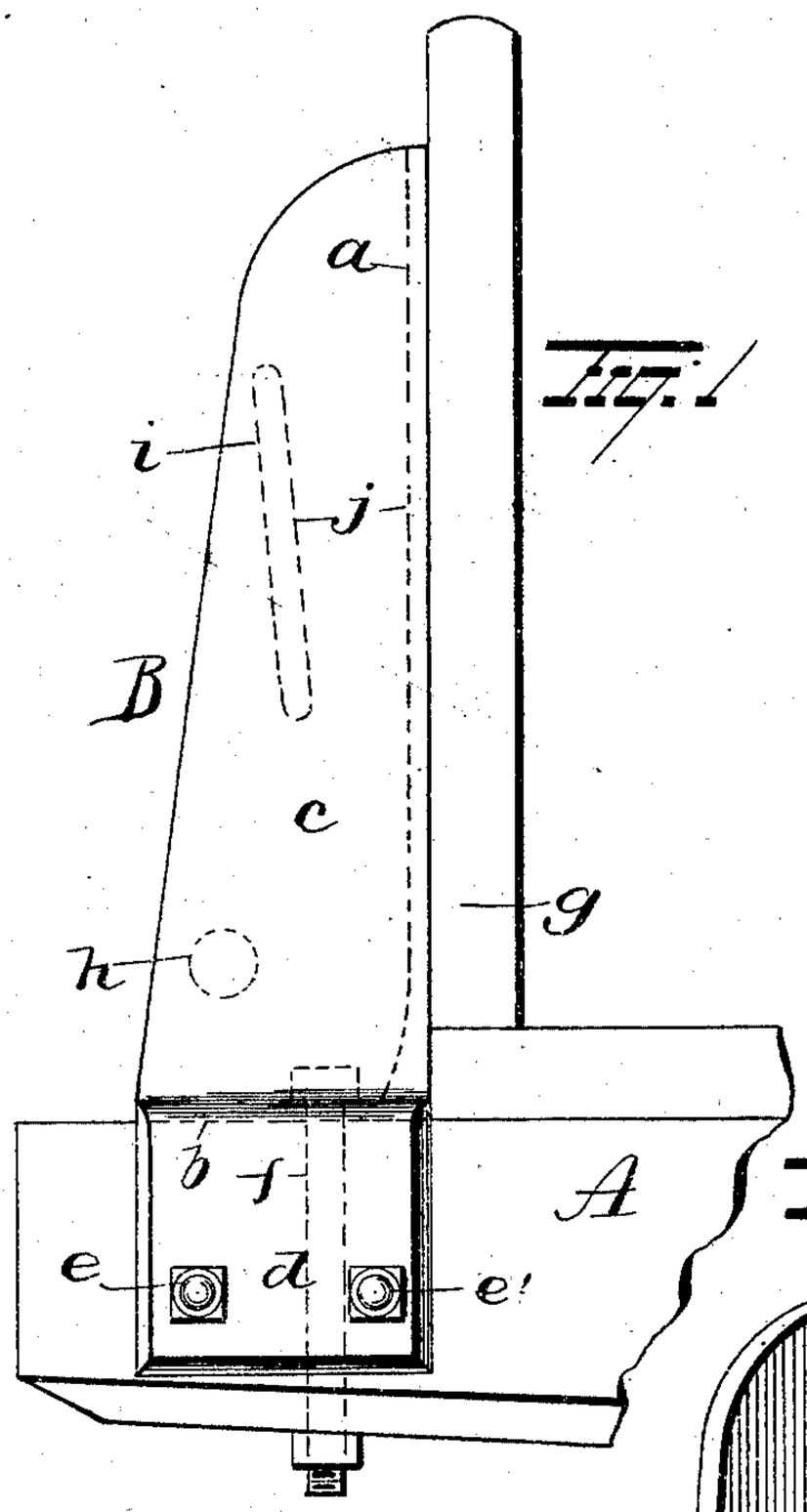


Fig. 2.

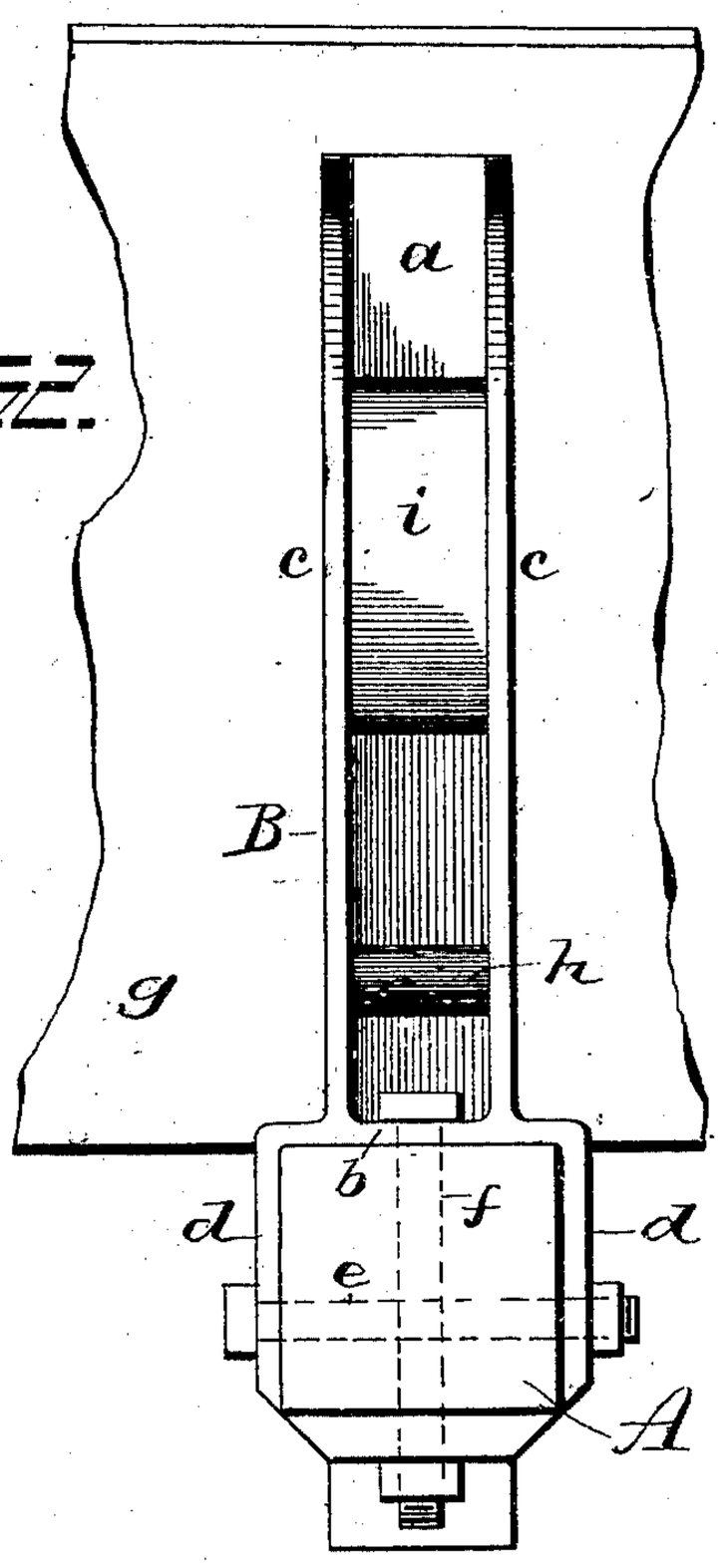
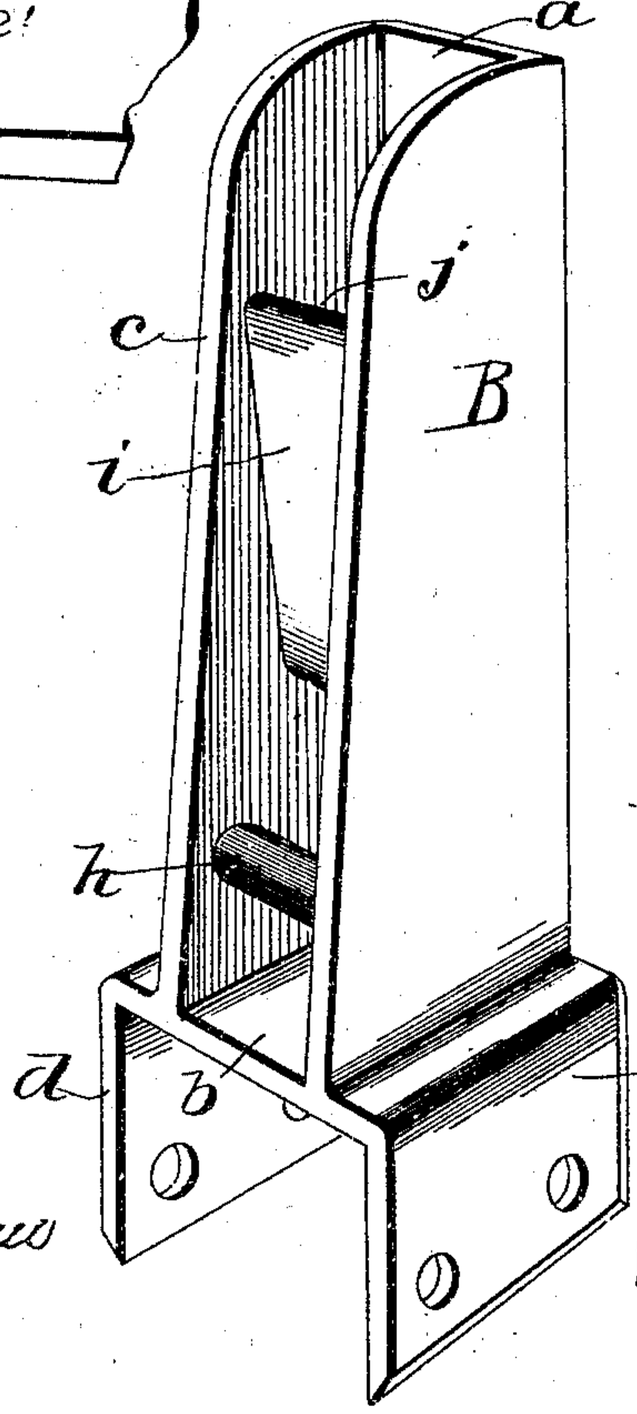


Fig. 3.



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HERMAN C. BUCKINGHAM, OF NEW MILFORD, CONNECTICUT.

STANDARD FOR WAGON-BOLSTERS.

SPECIFICATION forming part of Letters Patent No. 502,346, dated August 1, 1893.

Application filed March 25, 1893. Serial No. 467,573. (No model.)

To all whom it may concern:

Be it known that I, HERMAN C. BUCKINGHAM, of New Milford, in the county of Litchfield and State of Connecticut, have invented certain new and useful Improvements in Standards for Wagon-Bolsters; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an improvement in standards for wagon bolsters,—the object of the invention being to produce a metallic standard which shall be light and strong, and to connect said standard to the bolster in such manner that it will be capable of efficiently withstanding the strain which may be brought to bear against it.

A further object is to produce a hollow metallic standard having a flat inner face to receive the sides of a wagon body and to efficiently brace the sides of the standard in such manner as to produce a wedge-shaped socket for a stake or extension.

A further object is to produce a standard for a wagon bolster of metal, which shall be cheap in construction, neat in appearance and which shall be effectual in every respect, in the performance of its functions.

With these objects in view the invention consists in certain novel features of construction and combinations and arrangements of parts, as hereinafter set forth and pointed out in the claim.

In the accompanying drawings: Figure 1 is a view of a portion of a wagon bolster having my improved standard applied thereto, and showing the relation of the side and bottom of the wagon body thereto. Fig. 2 is a rear view. Fig. 3 is a perspective view.

A represents a portion of a wagon bolster, to the end of which my improved standard B is secured. The standard B is preferably made of cast metal (but may be made of sheet metal if desired) and, in its structure, comprises a flat closed front *a*, a closed bottom *b*, and straight sides *c*,—the general form of the standard being somewhat tapering, as shown in Fig. 1. Ears *d* project downwardly from opposite sides of the standard and embrace the end of the bolster A, being secured thereto by suitable bolts *e*, *e'*. The standard B is further secured to the bolster A by means of a bolt *f* which passes through the bolster and the bottom plate *b* of the standard, at a point in proximity to the inner end of said bottom plate, near the transverse bolt *e'* and between said transverse bolts *e*, *e'*. By thus securing the standard to the end of the bolster, the standard will be capable of withstanding considerable strain which may be brought to bear against the side *g* of the wagon body which rests against it,—and such strain brought to bear against the standard will be effectually distributed among the several bolts *e*, *e'* and *f*. In order to brace the lower ends of the sides *c* of the standard and prevent the same from collapsing, a bar *h* is inserted between said sides (or cast with them) near their lower free edges and extends from one to the other. The upper portions of the sides *c* are properly braced by a plate *i* located between them.

The plate *i* is preferably disposed in an inclined position as shown in Fig. 1, and, with the front plate *a* of the standard, forms a wedge-shaped socket *j*, into which the tenon of a stake or extension piece may be inserted when desired.

My improved standard and the means employed for securing it to the bolster are very simple in construction and the standard is effectual, in every respect, in the performance of its functions.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A standard for wagon bolsters consisting of a metal structure comprising a flat closed front, a closed bottom and straight sides and a plate set diagonally between the sides and forming a tapering mortise between it and the front plate whereby to receive a similarly shaped stake, and base flanges constructed to embrace the sides of a bolster, said flanges and the bottom of the standard having bolt holes formed therein adapted to receive bolts whereby to retain the standard in place upon the bolster, substantially as set forth.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

HERMAN C. BUCKINGHAM.

Witnesses:
GEO. B. CALHOUN,
FRANK EVITTS.