

THOMAS H. DANIELS.

Improvement in Wagon Side Braces.

No. 115,034.

Patented May 23, 1871.

Fig. 1.

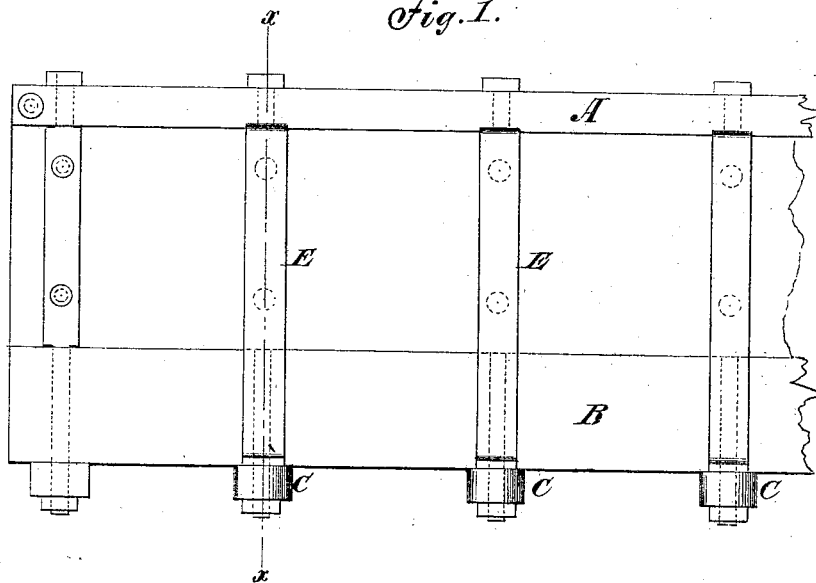
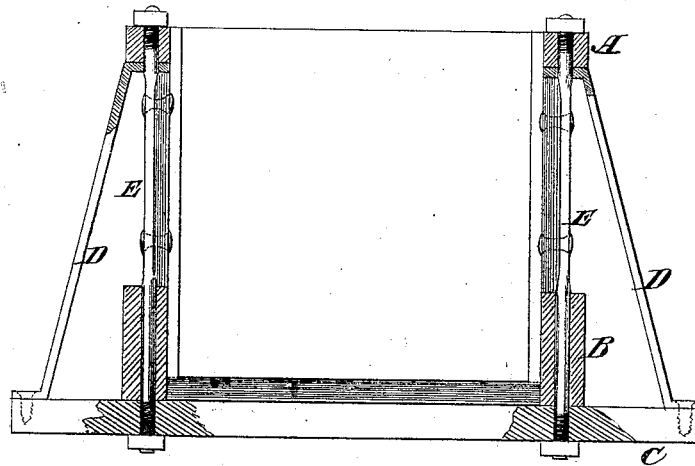


Fig. 2.



Witnesses:

Carlisle Dietrich
Wm. H. C. Smith

Inventor:

T. H. Daniel.

PER

mmu
Attorneys.

UNITED STATES PATENT OFFICE.

THOMAS HENRY DANIELS, OF ANDERSON, INDIANA.

IMPROVEMENT IN WAGON-SIDE BRACES.

Specification forming part of Letters Patent No. 115,034, dated May 23, 1871.

To all whom it may concern:

Be it known that I, THOMAS HENRY DANIELS, of Anderson, in the county of Madison and State of Indiana, have invented a new and useful Improvement in Self-Supporting Wagon-Brace; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

The object of this invention is to provide means for constructing wagon-bodies so that they shall be strong and durable; and it consists in a self-supporting brace and a bar constructed and applied to the wagon-body, as hereinafter described.

In the accompanying drawing, Figure 1 represents a side view of a wagon-body with my improved brace applied. Fig. 2 is a vertical cross-section of Fig. 1 taken on the line *x x*.

Similar letters of reference indicate corresponding parts.

A is the upper, and B the lower side rail of the body of the wagon. C represents the cross-sills which project from the sides, as seen in Fig. 2, to receive the foot of the brace. D is the brace. E is a bar, which is riveted or bolted to the side board of the wagon-body,

with a screw-thread and nut on each end. This bar passes through the upper and lower rails of the body, as seen in Fig. 2. Its upper end also passes through a hole in the upper end of the brace, that end being bent to a right angle to the bar, as seen. The lower end of the brace is turned so that when the brace is placed at an angle of twenty degrees (more or less) that end will be parallel with the cross-sill, to which it is firmly secured by a screw or bolt. More or less in number of these braces and bars may be employed on each side of the body.

By this arrangement the wagon-body may be tightened up at any time when the wood shrinks, and the body sides are supported so as to render the body durable and strong, and suited for the heaviest kind of road traffic.

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

The brace D and the bar E, combined and arranged substantially as and for the purposes herein shown and described.

THOMAS HENRY DANIELS.

Witnesses:

L. HARRIMAN,
H. H. CONRAD.