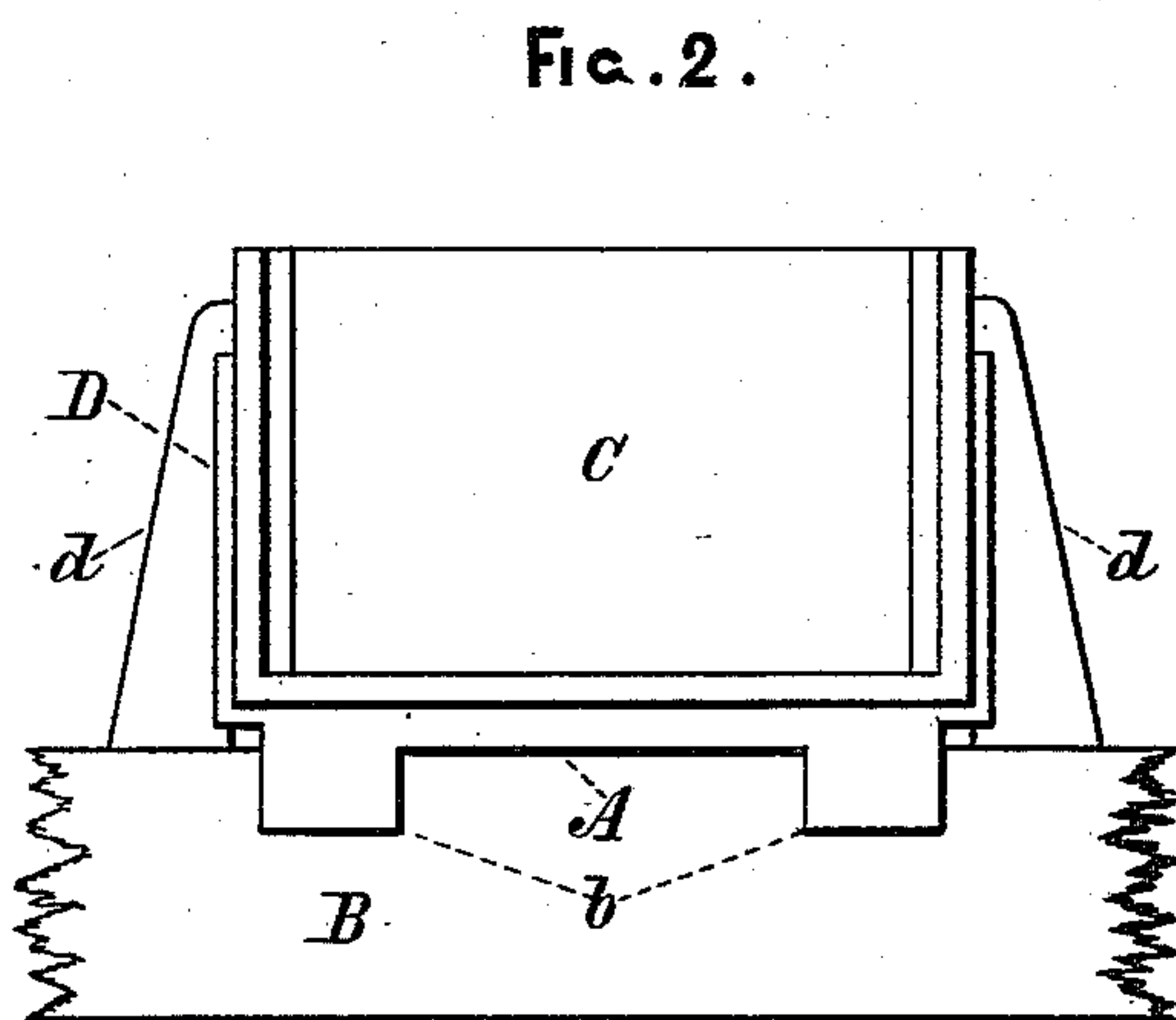
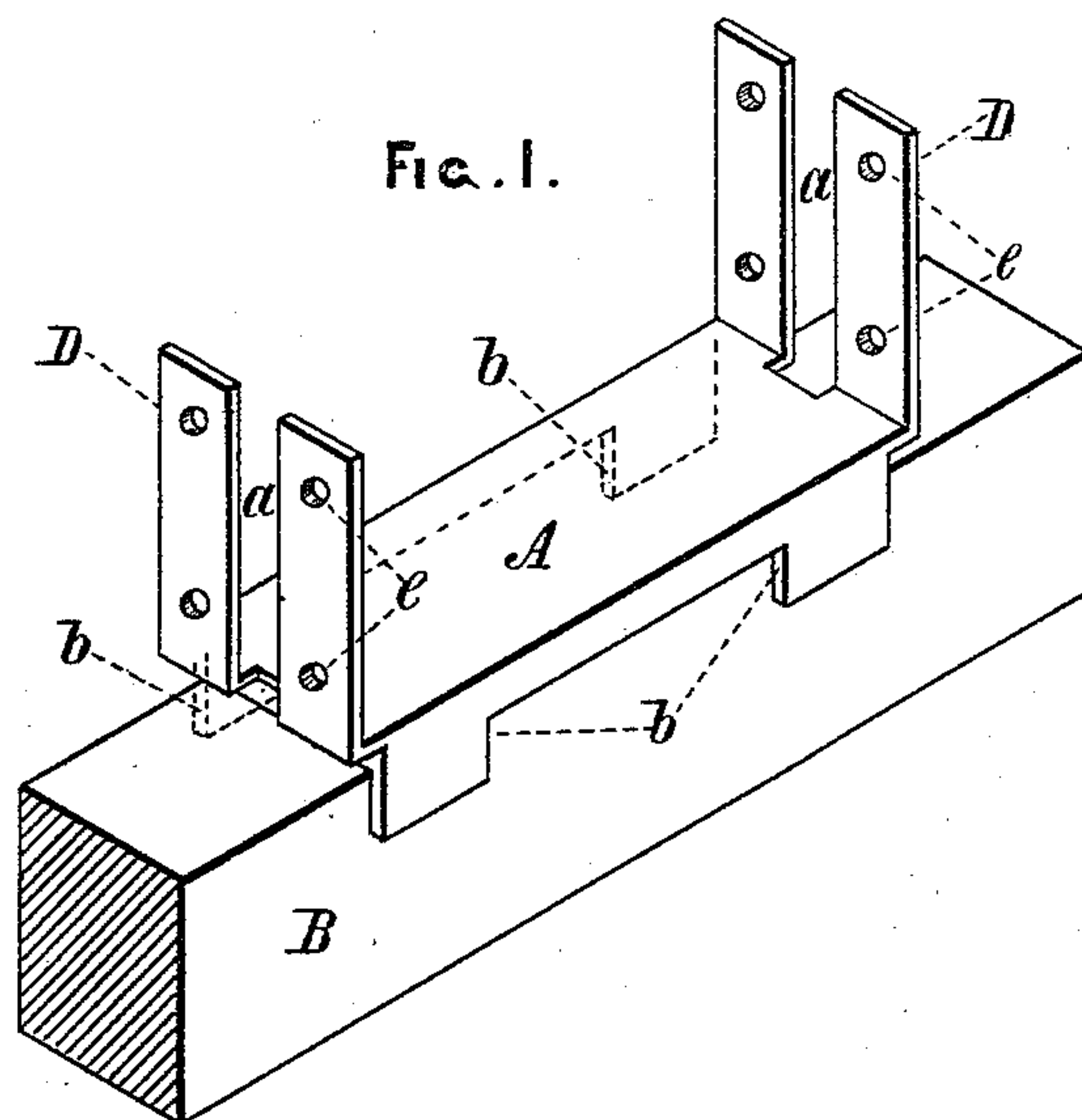


(No Model.)

F. HERMAN.
IRON FOR WAGON BEDS.

No. 424,479.

Patented Apr. 1, 1890.



Witnesses

W. H. Miller.
S. M. Cutting.

Inventor

Fred Herman

By his Attorney F. S. Davenport

UNITED STATES PATENT OFFICE.

FRED HERMAN, OF FIELDON, ILLINOIS.

IRON FOR WAGON-BEDS.

SPECIFICATION forming part of Letters Patent No. 424,479, dated April 1, 1890.

Application filed December 5, 1889. Serial No. 332,726. (No model.)

To all whom it may concern:

Be it known that I, FRED HERMAN, of Fieldon, in the county of Jersey and State of Illinois, have invented a new and Improved Wagon-Bed Strengthenener; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings and to the letters of reference marked thereon.

10 My invention relates to an improvement in wagon-beds whereby the latter may be made stronger and more durable than heretofore. This improvement I accomplish by means of metallic strengthening-bands secured across
15 the bottom of the wagon-bed and up the sides thereof and adapted to rest upon the bolsters in lieu of the battens usually employed for that purpose.

20 The device by which I accomplish my object will be more fully described in the following specification and illustrated in the accompanying drawings, in which—

25 Figure 1 is a perspective view of the device in connection with the central portion of a wagon-bolster, and Fig. 2 is a front end elevational view of the device in connection with the bolster and wagon-bed.

30 Referring to the drawings, A represents the base of the strengthenener, or that part of it upon which the bottom of the wagon-bed rests; B, the bolster; C, the wagon-bed; D D, the vertical ends of the strengthenener, and *a a* bifurcations in said ends.

35 *b b* are lugs or ears depending vertically from the strengthenener on both sides of the bolster, and *d d* are ordinary bolster-standards.

40 It will be seen by reference to Fig. 2 that the distance between the two sides D D is such as to just admit the body of the wagon-bed, which is secured thereto by screws, for the reception of which holes *e* are provided, as shown in Fig. 1. The lugs or ears *b b* may be riveted to the under side of the strengthenener; or, if so preferred, they may be made integral with

the base thereof, as shown. The distance of 45 each pair of ears *b* from the pair on the opposite side of the strengthenener is such as to just admit the bolster between them, as shown in the perspective view. The bifurcation in each vertical end of the strengthenener is to admit the standards *d d*, as shown in Fig. 2. 50

The strengthenener being secured to the wagon-bed as shown and described, it follows that the sides and bottom of the bed are much more firmly braced and held together than by 55 the ordinary means, and, further, that the strengthenener being provided with the lugs or ears *b* serves to prevent the wagon-bed from slipping endwise upon the bolsters; and it will be observed that still further security against 60 slippage upon the bolsters is provided by the bifurcations *a*, which admit the inner edges of the standards, as shown in Fig. 2.

I am aware that a metallic strengthening device secured across the bottom of a wagon-bed and turned up at the ends is not new, and 65 therefore I do not broadly claim such.

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

The combination, with a wagon-bed-strengthening device comprising a metallic bar A, turned up vertically at each end and having in each of said ends a bifurcation or slot *a* for the reception of the edge of the bolster-standard, of lugs or ears *b*, depending from the part 75 resting upon the bolster and adapted to include the latter loosely, so as to admit of the wagon-bed being readily lifted from the bolster. 80

In testimony that I claim the foregoing I have hereunto set my hand this 22d day of November, 1889.

FRED ^{his} X HERMAN.
mark

Witnesses:

ROBERT NEWTON,
L. M. CUTTING.