

J. JENSEN.

WAGON-BOX STRAP-BOLT.

No. 189,467.

Patented April 10, 1877.

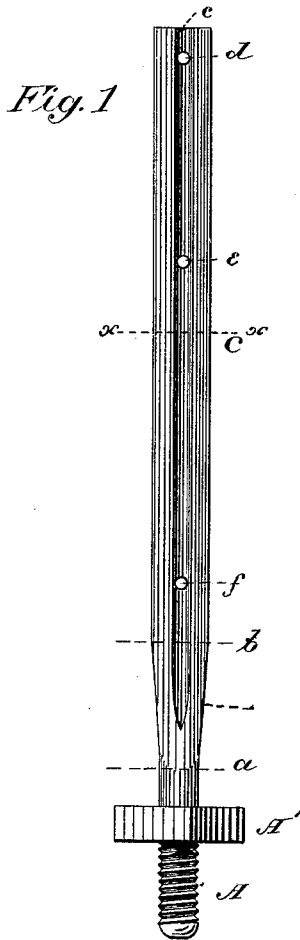


Fig. 2.

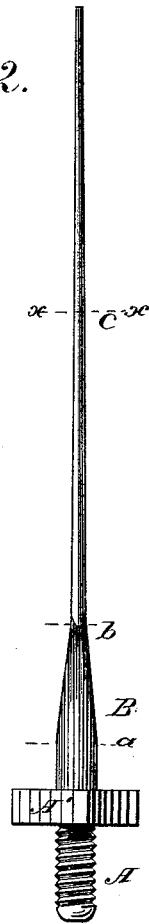


Fig. 3.



Attest:
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UNITED STATES PATENT OFFICE

JENS JENSEN, OF RACINE, WISCONSIN.

IMPROVEMENT IN WAGON-BOX STRAP-BOLTS.

Specification forming part of Letters Patent No. **159,467**, dated April 10, 1877; application filed December 19, 1876.

To all whom it may concern:

Be it known that I, JENS JENSEN, of Racine, in the county of Racine and State of Wisconsin, have invented certain new and useful Improvements in Strap-Bolts for Wagon-Beds; 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 which it appertains to make and use the same, reference being had to the accompanying drawing, which forms a part of this specification, and in which—

Figure 1 is a front or face view. Fig. 2 is a side or edge view, and Fig. 3 is a cross-section after the line indicated by *xx* in Figs. 1 and 2.

Similar letters of reference indicate corresponding parts in all the figures.

My invention consists in a new article of manufacture—to wit, a “box-strap” or “strap-bolt” for wagon-beds, consisting of a round part provided with a screw-thread and screw-nut, a shoulder formed by the gradual flattening and spreading of the metal, and a half-oval part, having a longitudinal groove or recess, substantially as hereinafter more fully described, and pointed out in the claim.

In the drawing, A denotes the lower round and screw-threaded part, and A' the nut. B is the intermediate part or shoulder, which gradually slopes or inclines from the full round section A to the flattened or semi-oval part C, which latter forms the body of the strap. This last section spreads from the beginning of the shoulder at *a* until it has attained its full width at *b*, from where its sides or edges are parallel to each other, as shown. *c* is a groove or depression running longitudi-

nally through or along the middle of the top section C down to near the point *a*, where the shoulder commences, the metal occupying the space of this groove being forced out laterally the length of the shoulder, or between the points *a* and *b*, so as to give gradually-increasing width and strength to this part of the strap, which is subjected to the greatest lateral strain or pressure by the load placed in the wagon-box.

Suitable openings *d e f* are punched in the groove *c*, to receive the screws or rivets by which the strap is secured to the sides of the box, the width and depth of groove *c* being made to correspond to the size of the screws or rivets, so that this groove will form a countersink for the rivets, adding additional stiffness and finish to the whole strap.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

The box-strap or strap-bolt for wagon-beds herein described, consisting of a lower round screw-threaded part, A, an intermediate flattened and spreading section, B, and an upper semi-oval section, C, the sections B and C having a central longitudinal groove, *c*, reaching to the top or end of the strap, and provided with perforations *d e f*, substantially as and for the purpose herein shown and specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

JENS JENSEN.

Witnesses:

JOHN W. KNIGHT,
CHARLES L. POTTER.