

J. BARNHART.
WAGON-BODY.

No. 180,447.

Patented Aug. 1, 1876.

Fig: 1.

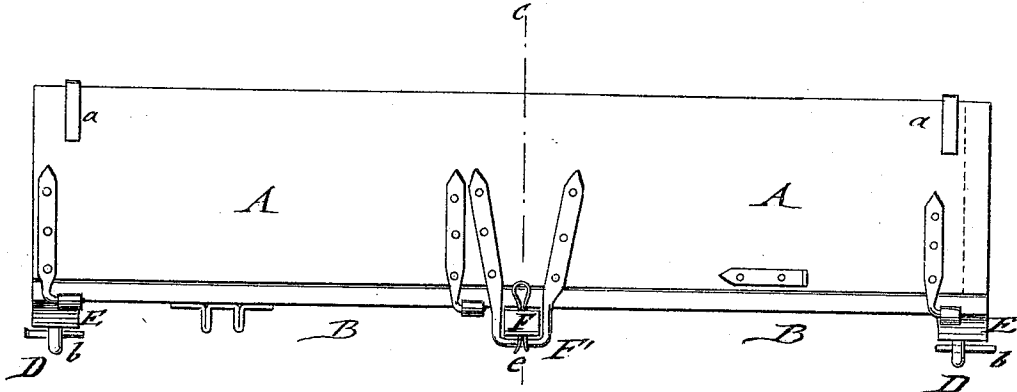


Fig: 2.

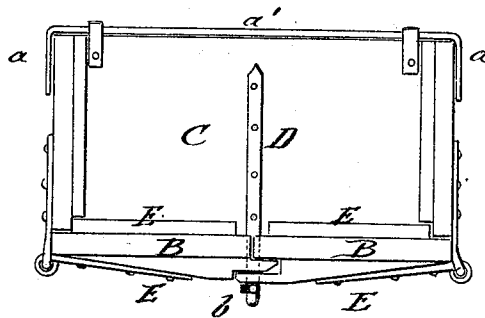
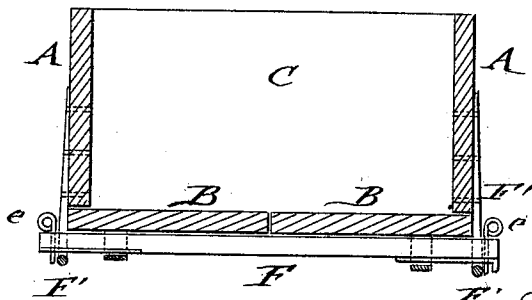


Fig: 3



WITNESSES:

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UNITED STATES PATENT OFFICE.

JEREMIAH BARNHART, OF RETREAT, VIRGINIA.

IMPROVEMENT IN WAGON-BODIES.

Specification forming part of Letters Patent No. **180,447**, dated August 1, 1876; application filed March 6, 1876.

To all whom it may concern:

Be it known that I, JEREMIAH BARNHART, of Retreat, in the county of Franklin and State of Virginia, have invented a new and Improved Wagon-Body, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a side elevation of my improved wagon-body; Fig. 2, an end view; and Fig. 3, a vertical transverse section of the same on the line *c c*, Fig. 1.

Similar letters of reference indicate corresponding parts.

My invention relates to an improved wagon-body, that may be taken to pieces to be readily stored away; and it consists of the side-boards of the body hinged to the longitudinally-divided halves of its bottom, to be locked by strap-bolts and keys of the end-gates, and by lateral bottom bars keyed to stirrups of the side-boards.

In the drawing, A are the side-boards, and B the longitudinally-divided bottom sections, which are hinged to the sides, to be folded together when the end-gates are detached. The end-gates C slide in guide-strips of the side-boards, and bind by bent top bars *a* on the top and outside of the sides A. The end-gates C are provided with central strap-bolts D, that pass through recesses and perforations of the top and bottom slats E of the bottom sections, to be locked at the under side by spring-keys *b*. The bottom sections B are further rigidly locked to each other and to the side-boards by one or more lateral bottom bars, F, that are inserted into stirrups F' of the side-boards,

and held therein by spring-keys *e*, passing vertically through the ends of the bars.

When the wagon-body is desired to be taken apart for folding up and storing away, the keys of the lock-bar are first drawn out, which allows the removing of the lock-bar. The keys of the end-gates are then taken out and the end-gates withdrawn, which leaves the bottom sections and side-boards free to fold or detach.

The wagon-body is put together again by reversing the operation described, forming thus a simple and convenient arrangement for storing and shipping wagon-bodies in a compact and small space.

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

1. The end-gates C, having central strap-bolts D and clutches *a*, in combination with the hinged bottom B B and retaining-pin *b*, substantially as and for the purpose shown and specified.

2. The wagon-body herein described, consisting of the longitudinally-divided bottom B B, hinged side pieces A, having stirrups F', end-gates C, having central bolts D and clutches *a*, and bar F, all combined and arranged to operate substantially in the manner and for the purpose herein shown and specified.

JEREMIAH BARNHART.

Witnesses:

BENJ. B. WEBB,
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