

A. G. WOODBURY.
End-Board for Wagons.

No. 219,790.

Patented Sept. 16, 1879.

Fig. 1.

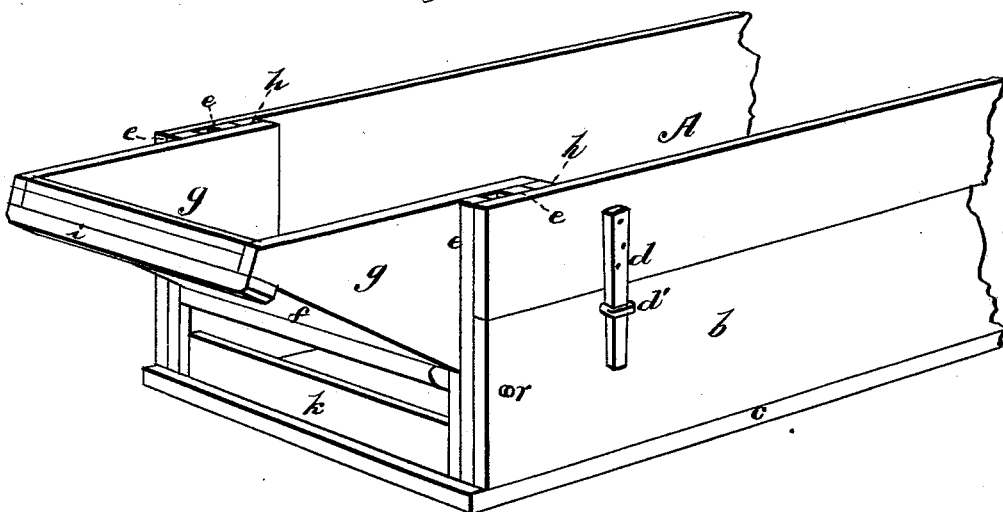
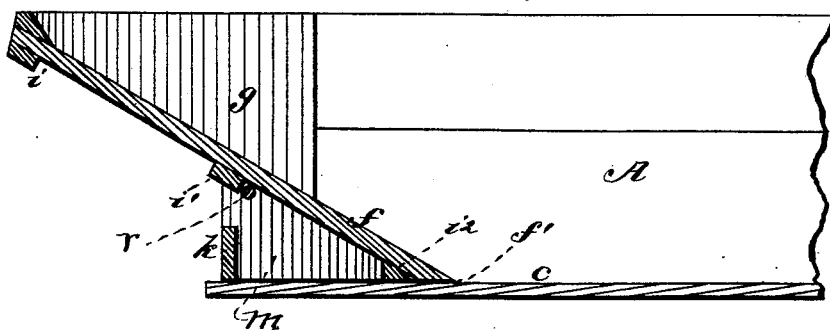


Fig. 2.



WITNESSES

Robert M. Barr.
Robert M. Barr.

INVENTOR -

Aaron G. Woodbury.
Gilmore, Smith & Co.,
ATTORNEYS

UNITED STATES PATENT OFFICE.

AARON G. WOODBURY, OF MORRIS, ILLINOIS.

IMPROVEMENT IN END-BOARDS FOR WAGONS.

Specification forming part of Letters Patent No. **219,790**, dated September 16, 1879; application filed August 2, 1879.

To all whom it may concern:

Be it known that I, AARON G. WOODBURY, of Morris, in the county of Grundy and State of Illinois, have invented certain new and useful Improvements in End-Boards for Wagons; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a perspective of my end-board for wagons, and Fig. 2 is a longitudinal sectional view of the same.

This invention relates to wagons in which the box or body is provided with a tail-board adapted to slide between cleats at the rear end of the body.

My improvement consists in a device which I designate as a "combined scoop-board and gate," and which is designed to be employed as a substitute for the ordinary tail-board.

The main objects in view are to facilitate the shoveling or scooping out of corn or the like from the wagon, and also to provide the wagon-box with an enlarged receiving area, as will be hereinafter fully described and claimed.

Let *A* designate the wagon box or body; *b* the sides thereof, and *c* the usual bottom or bed.

If desired, the sides may be composed each of two pieces, and these may be secured together by the cleats and staples *d d'*. The usual cleats *e e*, between which the tail-board generally slides, are here shown; but the said board is dispensed with, and my improved device, as illustrated, applied to the wagon. Said device consists, mainly, of an inclined board, *f*, having the side-boards *g g* and the vertical cleats *h h*. The inclined board is braced by the strips *i i'*, and the side-boards by the strips *i i'* and a cross-piece, *k*, which, when the device is set in the end of a wagon-body, as shown, constitutes a ledge along the rear end of the bed *c*.

The inclined board is beveled upon the under side of its lower end, *f'*, so that it fits closely upon the bed, and in effect forms an inclined continuation of the same.

The lower edges of the sides *g g* extend rearwardly in a horizontal plane until they meet the rear side of the brace and ledge *k*, at which point said edges extend upward to the under side of the inclined board *f*, from which to its upper end they are flush with its bottom.

Upon the sides *g g*, I secure cleats *h*, which preferably correspond in height to the cleats upon the wagon-body, and to the said sides small inclined cleats may be added, if desired.

When the parts are all in position for use, the lower edge, *f'*, of the inclined board *f* rests upon the wagon-bed, the cleats *h* fit against two of the cleats upon the wagon-sides, and the rear strip, *k*, rests upon the bed of the wagon body or box. I then pass a rod, *r*, through the sides of the wagon, and through the sides *g g* of the inclined board, and, as additional means for security, put screw-bolts or screws through the wagon-body sides and through the sides *g g*.

The space *m* under the inclined board serves for a receptacle for seed-corn or tools.

The corn can be easily scooped or shoveled out by reason of this incline at the end of the wagon; and it is evident that as a portion of said incline extends beyond the end of the body or box, ears of corn or other grain may be the more readily pitched into the wagon, since the area of the receiving-surface is considerably enlarged; and this will be the more so if a device similar to that above described is attached to the front as well as to the rear end of the wagon.

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

A removable end-board for wagons, consisting of the stationary inclined board *f*, the stationary side-boards *g g*, cleats *h h*, strips *i, i'*, *i'*, and *k*, and the rod *r*, for securing it to the wagon-box, as and for the purposes set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

AARON G. WOODBURY.

Witnesses:

L. E. HAYNES,
ALEX. FERGUSON.