W. VANSCOYOC.

End Gate for Wagons.

No. 96,058. Patented Nov. 19, 1869.

Fig. 1

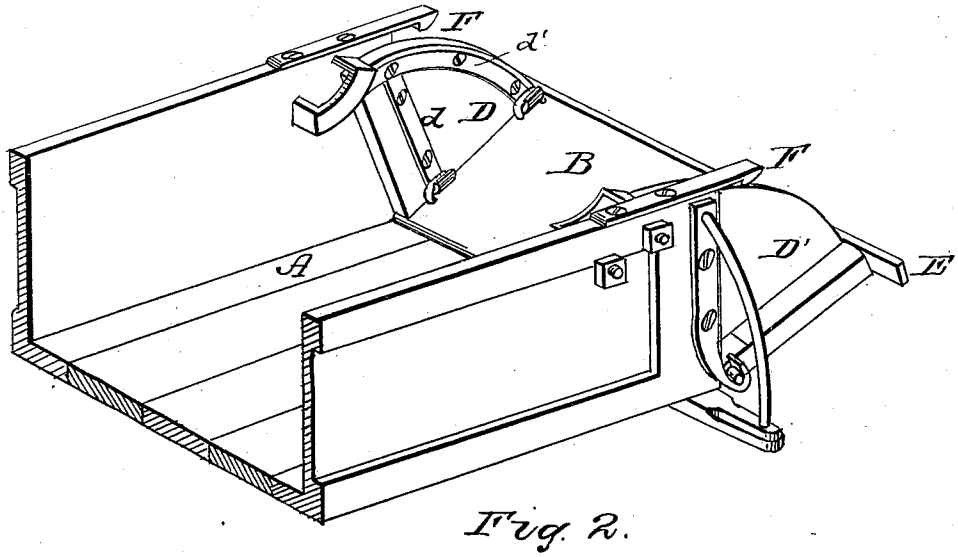
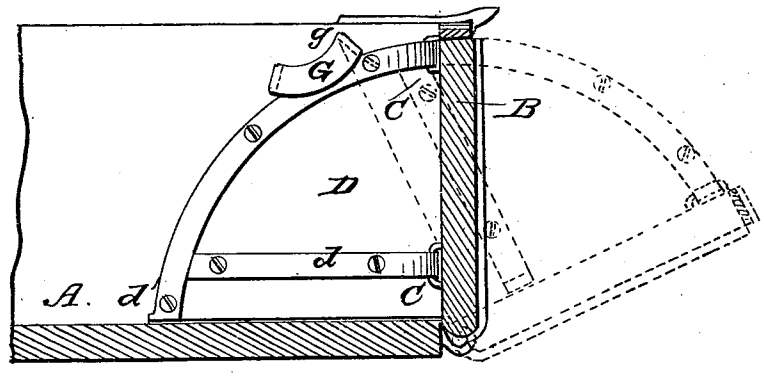



Fig. 2.




Attest.
Charles Pickle

Inventor.
William Vanscoyoc
By Frank Millward
attorney

N. PETERS. Photo-Lithographer. Washington, D. C.

# United States Patent Office.

WILLIAM VANSCOYOC, OF OXFORD, OHIO.

*Letters Patent No.* 96,058, *dated October* 19, 1869.

## IMPROVEMENT IN TAIL-BOARD FOR WAGONS.

The Schedule referred to in these Letters Patent and making part of the same.

*To all whom it may concern:*

Be it known that I, WILLIAM VANSCOYOC, of Oxford, Butler county, State of Ohio, have invented certain new and useful Improvements in Tail-Boards for Wagons; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawing, making part of this specification.

My invention relates to devices designed to facilitate the unloading of corn, grain, &c., from wagons by shovelling or otherwise, at the tail-end, and prevent spilling; and

My invention is particularly designed for wagons having hinged tail-boards, and consists in the provision and attachment to the tail-board of quarter-circle wings, which slide through suitable guides on the sides of the wagon, and serve as extensions to the wagon-sides when the tail-board is let down, and thus prevent spilling at the sides when the wagon is being unloaded.

In the accompanying drawings—

Figure 1 is a perspective view of the tail-end of a wagon embodying my invention.

Figure 2 is a longitudinal section of the same.

A represents an ordinary wagon-bed, and

B, the hinged tail-board of the same.

Four staples, C, are secured to the tail-board, as shown, to which the quarter-circle wings D D′ are connected.

The hooked ends of the straps or bars *d d′*, which serve to connect with the staples C, permit, also, of the wings being at any time disconnected from the tail-board B.

The tail-board is fitted with the ordinary springs E E′ and catches F F′.

The wings D D′ are fitted to slide through the curved guides G G′, the ends *g* of which, in connection with the projections *d″* on the bars *d′*, serve to limit the extent to which the tail-board opens.

It will be seen, that when the tail-board B is open, or "let down," as seen in dotted lines in fig. 2, it forms the inclined bottom of a "chute," of which the wings D D′ are the sides, and that in this position the wagon can be emptied of its contents by shovelling or otherwise, without danger of spilling at the sides.

When necessary or desirable to remove the wings D D′, the guides G G′ are taken off, by first unscrewing the nuts *g*, and the wings can then be unhooked from the staples C.

The wings D D′ may be made of sheet-iron, if preferred, and may be placed inside or outside of the wagon-bed.

I claim herein as new, and of my invention—

1. In connection with a wagon-bed having a hinged tail-board, the quadrantal wings D D′, connected to the tail-board for the purpose specified.

2. In the described combination with the quadrantal wings D D′ and hinged tail-board B, the staples C, hooked bars or straps *d d′*, projections *d″*, and guides G G′, arranged and operating substantially in the manner and for the purpose stated.

In testimony of which invention, I hereunto set my hand.

WILLIAM VANSCOYOC.

Witnesses:

CHARLES PICKLES,

JAS. E. STEWART.