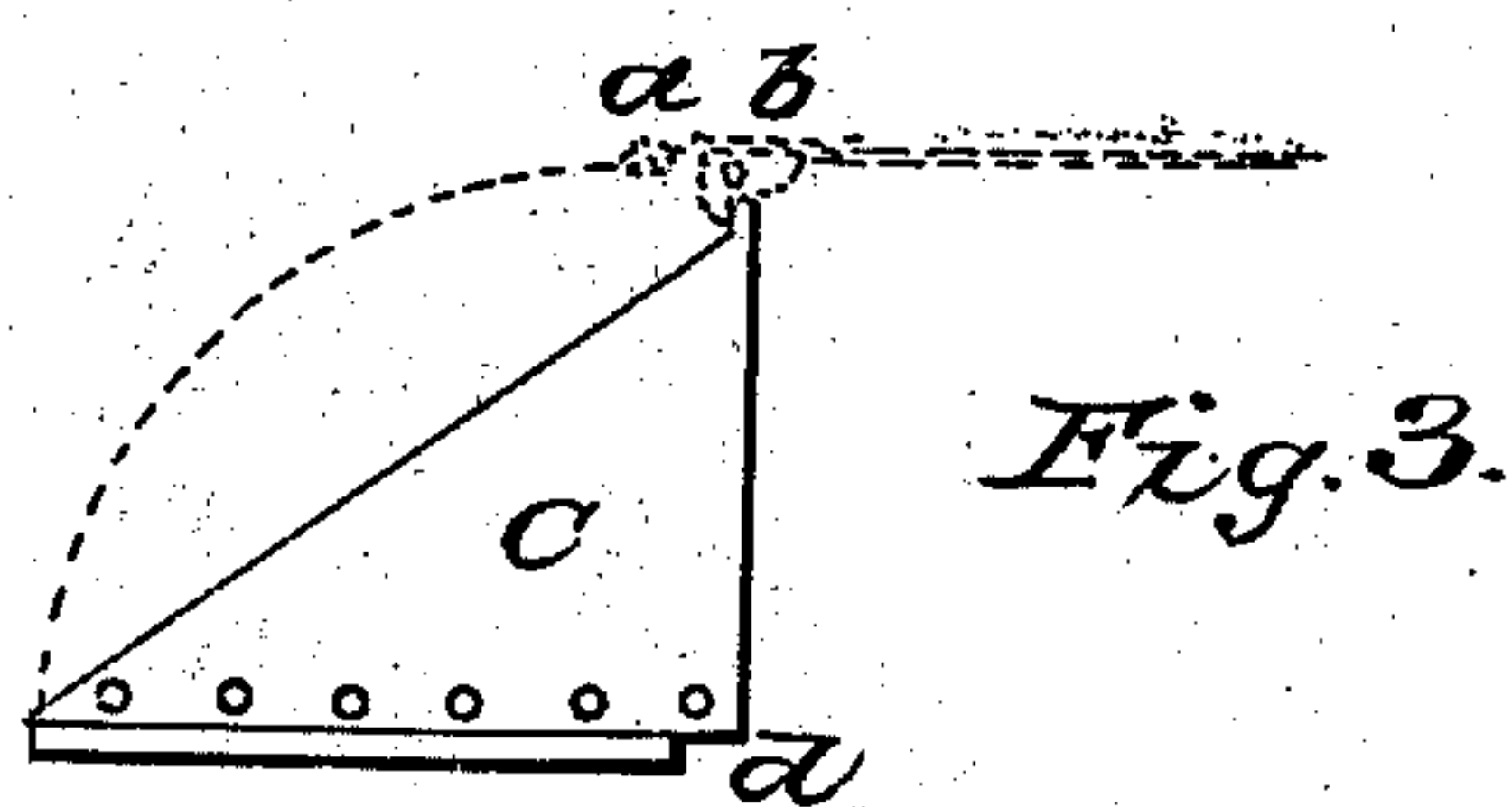
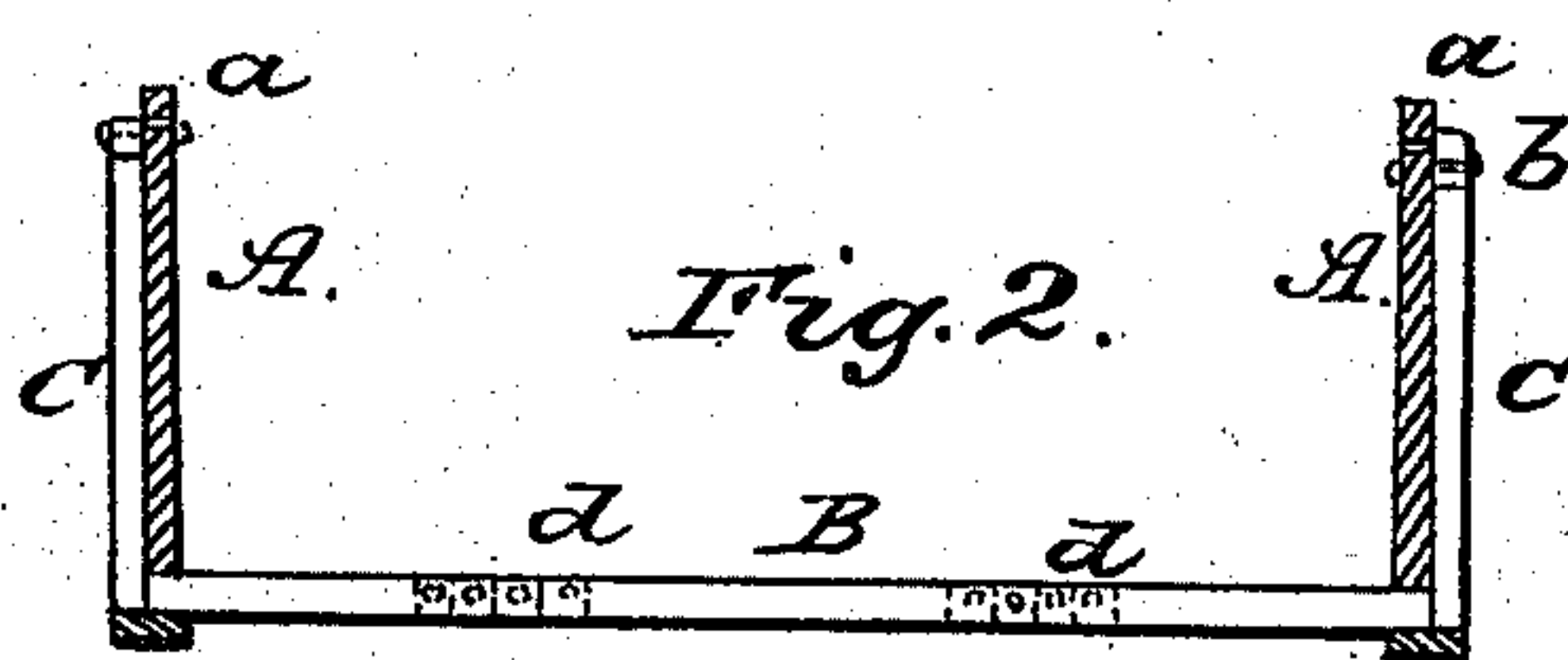
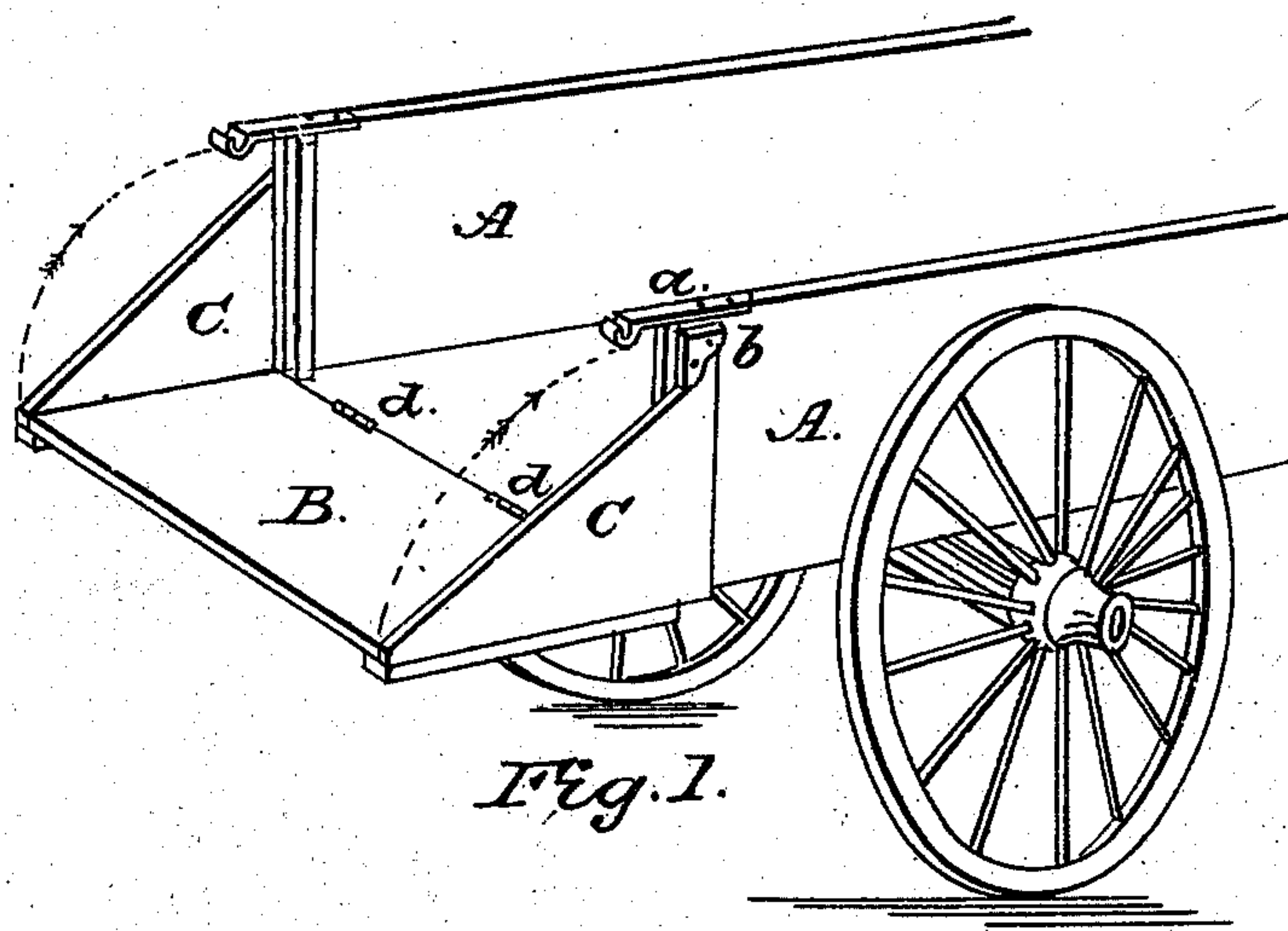


NEILL & PICK.  
Extension End Board for Wagons.

No. 89.939.

Patented May 11, 1869.



Witnesses  
Charles Phelps  
D. P. Herwig

Inventors  
Stewart Neill  
Sam Pick

# United States Patent Office.

STEWART NEILL AND ADAM PICK, OF CHILLICOTHE, ILLINOIS.

*Letters Patent No. 89,939, dated May 11, 1869.*

## IMPROVEMENT IN EXTENSION END-BOARD FOR WAGONS.

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

Be it known that we, STEWART NEILL and ADAM PICK, both of the town of Chillicothe, county of Peoria, and State of Illinois, have invented an Extension End-Board and Bottom for Wagons, or other vehicles, used for carrying grain, corn, potatoes, coal, or other similar merchandise; and we do hereby declare the following to be 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, in which—

Figure 1 is a perspective view.

Figure 2, longitudinal elevation.

Figure 3, a side elevation.

In these drawings, similar letters refer to similar parts.

We attach, in place of the usual end-board, to the rear of a wagon, by means of a hinge or hinges, or their equivalents, an end-board, B, whose length corresponds to the breadth of the wagon-bed and sides, and of a convenient width.

To each end of this board B is fastened a triangular board or side, C, in shape, a right-angled triangle, covering the juncture of the extension-bottom B with the wagon-bed, one of the sides of the right angle being screwed, or otherwise fastened to the end of the extension-bottom piece B, the other side projecting toward and partly (perhaps several inches) over and along the face of the outer sides of the wagon-box.

This last-mentioned side of the triangular piece C stands vertically when the "bottom" is extended, resting, by its point or upper angle, against a pin, block, b, or other stop, fastened to the end of the wagon-box

on either side of the same, or it may be retained in that position by a chain, rod, or other device.

The side-pieces and bottom-piece B, when folded up, completely close the end of the wagon-box A, the side-pieces C sliding over the sides of the wagon, and thus closed, a snap, latch, catch, spring, a, or some such device, secures it in that position.

The side triangular boards may be made to slide into the wagon-box, but placing them on the outside is preferable.

The operation of this device needs little explanation.

The extension-bottom being released from the catch a, it turns downward on its hinges until level with the bottom or bed of the wagon, bringing the upper angles of its side-boards C C against the block or pin b, on the upper corner of the wagon-sides on either hand, thus forming a secure place for retaining the grain, and preventing its loss, while the shovel or other means is used to remove it from the wagon.

Having thus described our invention,

What we claim as new, and desire to secure by Letters Patent, is—

The combination of the pivot-blocks or stops b with the triangular sides C, constructed substantially as described.

STEWART NEILL.  
ADAM PICK.

Witnesses:

CHARLES PHILIP, Jr.,  
D. P. MERWIN.