

T. F. McGUIRE & J. DITTO.  
Scoop-Board for Wagons.

No. 216,875.

Patented June 24, 1879.

Fig: 1.

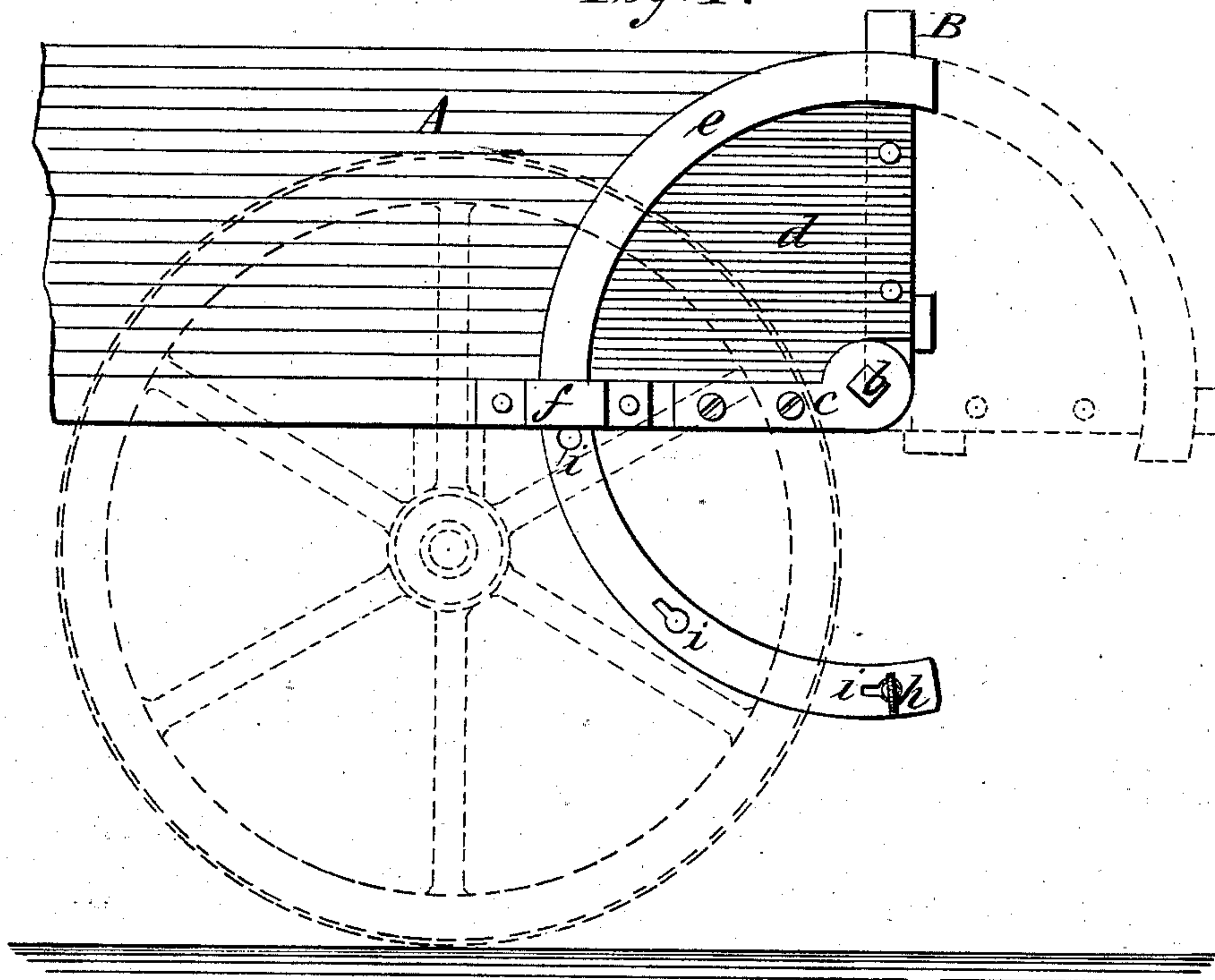


Fig: 2.

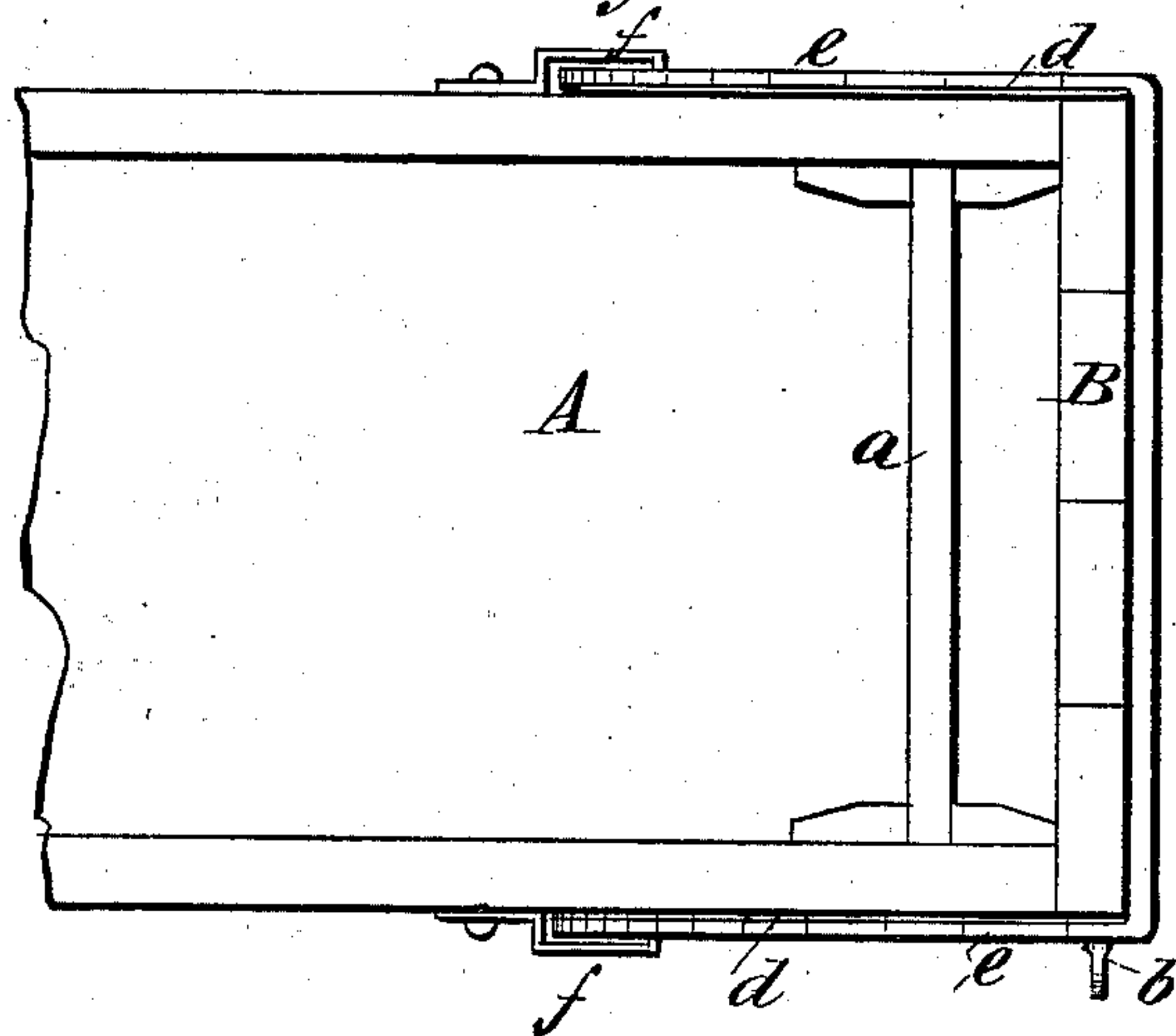
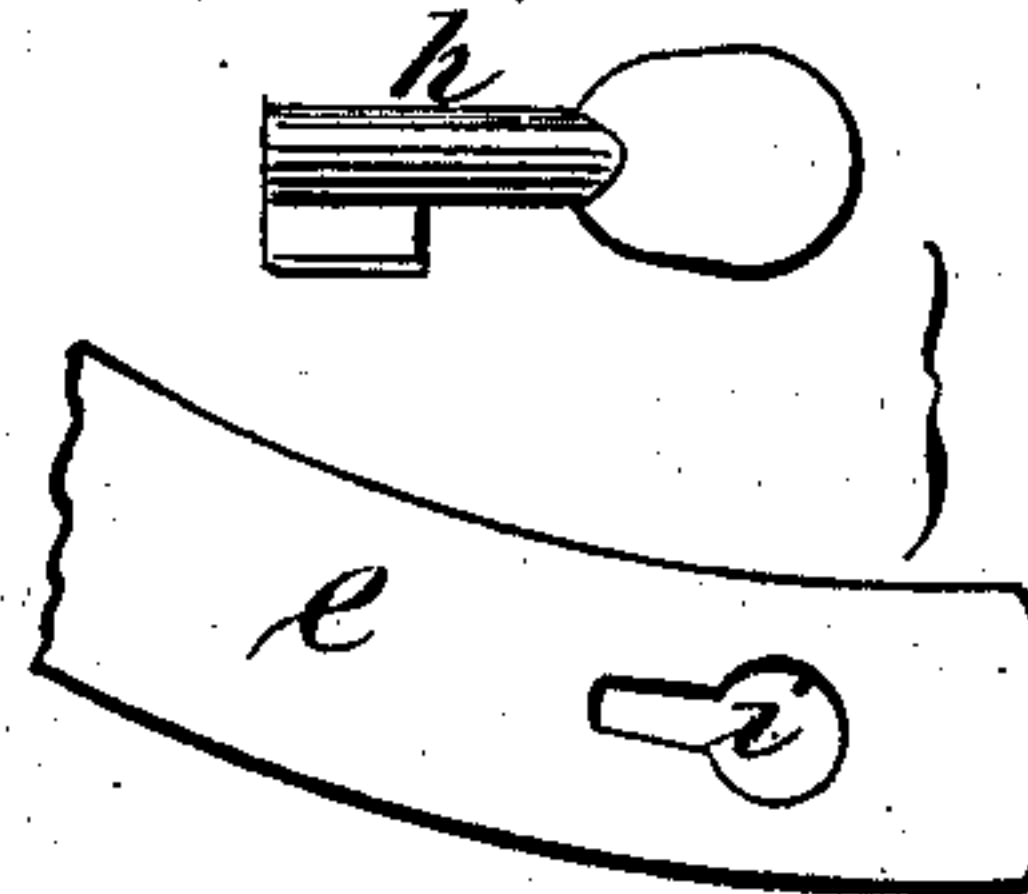


Fig: 3.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

THOMAS F. MCGUIRE AND JOHN DITTO, OF OXFORD, IOWA.

## IMPROVEMENT IN SCOOP-BOARDS FOR WAGONS.

Specification forming part of Letters Patent No. 216,875, dated June 24, 1879; application filed March 24, 1879.

### *To all whom it may concern:*

Be it known that we, THOMAS F. MCGUIRE and JOHN DITTO, of Oxford, in the county of Johnson and State of Iowa, have invented a new and Improved Attachment for Wagons, of which the following is a specification.

The object of our invention is to furnish wagons and carts with an adjustable "scoop-board," adapted for attachment to the tail of the wagon, for use in husking or hauling corn, and for other purposes.

The construction and operation will be explained more particularly in connection with the accompanying drawings, wherein Figure 1 is a side elevation of a cart or wagon with the attachment applied thereto. Fig. 2 is a plan view. Fig. 3 represents details.

Similar letters of reference indicate corresponding parts.

A represents the body or box of a cart or wagon of usual character. A tail-board, *a*, is fitted in slides at the rear, in the ordinary manner, except that it is placed a short distance inward from the end of the wagon. B is the scoop-board, hinged at the rear and to the bottom of the wagon by a cross-bar, *b*, which passes through hinge-plates *c*, attached to the wagon, and similar hinge-plates attached upon B. The board B, when raised, closes the end of the body A, and when down horizontally forms an extension of the wagon-bottom.

Attached to the sides of B, and lying against the sides of box A, are segmental plates *d d*, preferably sheet metal, that move with the board and close the space between B and the sides of the box when the board is swung down.

*e e* are semicircular braces attached to the

outer end of the board B, and extending at each side of box A beneath plates *f*, that are attached upon A. Each brace *e* is apertured, as seen at *i*, for a key or pin, *h*, such as shown in Fig. 3, to pass through and beneath the side bars of the wagon, whereby the board is retained closed, completely open, or more or less inclined, as desired.

A thumb-screw in plates *f*, to clamp the braces *e*, may be used for the same purpose.

The tail-board *a* may be used with the scoop-board B or not, according to the work that is to be done. When the board B is set at an inclination, a receptacle is formed between *a* and B, into which the corn will be thrown as husked, and from which the corn can be conveniently removed by a scoop.

In hauling corn, the board B will be set at an inclination sufficient to retain the ears, so that they can be shoveled out without any falling to the ground.

When not desired for use the device may readily be detached by withdrawing the bar *b* or disconnecting plates *c*.

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

The combination, with the hinged scoop-board B *d*, of the semicircle-brace *e*, having apertures for a clamping pin or screw, and passing through a keeper, *f*, as shown and described.

THOMAS F. MCGUIRE.  
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Witnesses:

E. A. DOTY,  
C. E. FROST.