

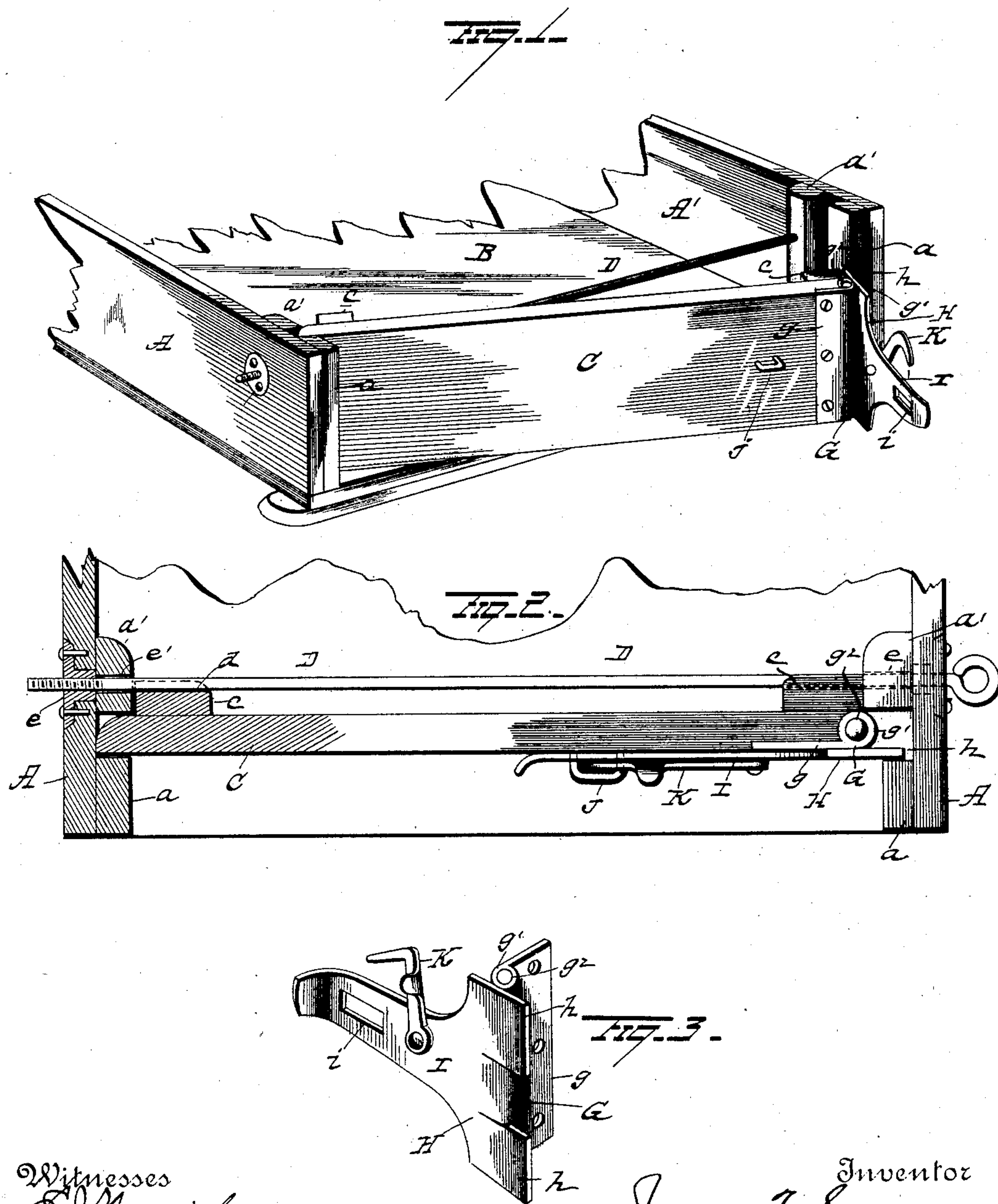
(No Model.)

J. T. SNODDY.

WAGON END GATE.

No. 367,676.

Patented Aug. 2, 1887.



Witnesses

G. J. Nottingham
G. F. Downing

Inventor

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By his Attorney

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UNITED STATES PATENT OFFICE.

JAMES T. SNODDY, OF MOUNT PLEASANT, IOWA, ASSIGNOR OF ONE-HALF
TO THE WESTERN WHEEL SCRAPER COMPANY, OF SAME PLACE.

WAGON END-GATE.

SPECIFICATION forming part of Letters Patent No. 367,676, dated August 2, 1887.

Application filed May 11, 1887. Serial No. 237,879. (No model.)

To all whom it may concern:

Be it known that I, JAMES T. SNODDY, of Mount Pleasant, in the county of Henry and State of Iowa, have invented certain new and
5 useful Improvements in End-Gates for Wagons; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and
10 use the same.

My invention relates to an improvement in end-gates for wagons.

The object is to provide a simple, convenient, and inexpensive means for securing end-
15 gates to wagon-boxes, and also for holding the sides of the box rigidly in place.

With these ends in view my invention consists in certain features of construction and combinations of parts, as will be hereinafter
20 fully described, and pointed out in the claim.

In the accompanying drawings, Figure 1 is a view in perspective of the rear end of the wagon-box with the end-gate partially removed therefrom. Fig. 2 is a rear view of the end-
25 gate, and Fig. 3 is a detached view of the hinged hasp.

A A' represent the sides of the wagon-box B. Rigidly secured to these sides, one preferably at the extreme end and the other sufficiently removed therefrom to receive the end-
30 gate between them, are the vertical cleats $a a'$, respectively, the cleat a' on the side A' being in this case a little thicker than the others, though not necessarily so.

C represents the end-gate, strengthened near the ends, and in the middle, if desired, by transverse bars c being secured to its inner face. Notches d are formed in these transverse bars, the function of the former being to receive the
40 transverse side securing and supporting rod D. This rod D is provided with a handle at one end, and at the opposite end it is screw-threaded and adapted to register with the threads of the plate or washer e , the passage
45 of said rod D being through perforations e' in the cleats a' .

To one end of the end-gate the plate or wing g of the hinge G is secured, it being sunk sufficiently so that the face of the wing g is in the

same plane with the outer face of the end-gate 50 and its outer edges approximately flush with the end of the gate where it terminates in pintle-sockets g' , to the pintle g^2 of which is hinged the hasp H. The hasp H terminates at its hinged edge in the ears h , said ears preferably 55 extending in a direct line with the hasp. A socket between these ears h loosely clamps the pintles g^2 between the sockets g' . The extension I of the hasp is provided with the slot i , which receives the staple j . A hook, K, is pivoted 60 on the hasp in position to enter the staple over the hasp when the latter is over the staple.

From the construction it will be seen that the end-gate may be removed in two ways from the box. First, by unlocking or unlatching 65 the fastening-hook and swinging the hasp away from the gate the latter may be withdrawn backward from the box, and, on the other hand, without moving the hasp, by simply removing the rod the end-gate may be removed ver- 70 tically from the cleats.

It is evident that slight changes might be resorted to in the form and arrangement of the several parts described without departing from the spirit and scope of my invention; hence I 75 do not wish to limit myself to the particular construction herein set forth; but,

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is— 8c

The combination, with a wagon-box having recesses in its sides, of an end-gate, transverse bars secured to the gate at or near the opposite ends thereof and having notches therein, a hasp hinged to one end of the gate and pro- 85 vided with an ear or ears adapted to enter one of the recesses in the box, and a rod passing through the sides of the box and resting in the notches in the transverse bars, substantially as set forth. 90

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

JAMES T. SNODDY.

Witnesses:

JOHN F. LEECH,

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