

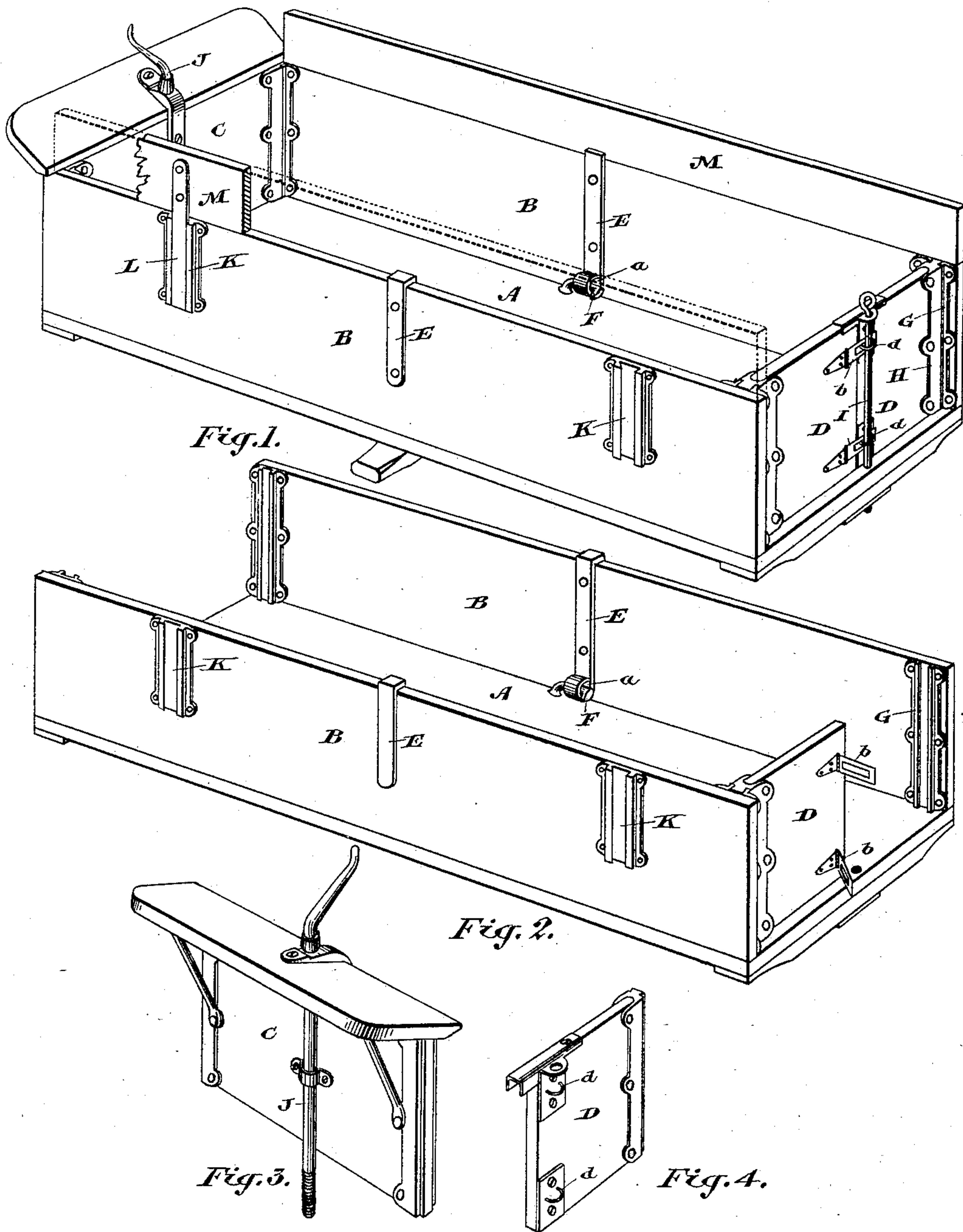
(No Model.)

J. COCHRANE.

WAGON BOX.

No. 360,562.

Patented Apr. 5, 1887.



Witnesses.

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Inventor:

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Att'y

UNITED STATES PATENT OFFICE.

JAMES COCHRANE, OF DERBY TOWNSHIP, COUNTY OF GREY, ONTARIO,
CANADA.

WAGON-BOX.

SPECIFICATION forming part of Letters Patent No. 360,562, dated April 5, 1887.

Application filed November 11, 1886. Serial No. 218,598. (No model.) Patented in Canada August 7, 1886, No. 24,676.

To all whom it may concern:

Be it known that I, JAMES COCHRANE, of the township of Derby, in the county of Grey, in the Province of Ontario, Canada, farmer,
5 have invented certain new and useful Improvements in Wagon and Sleigh Boxes, of which the following is a specification.

The object of the invention is to construct a wagon or sleigh box so that its bottom, sides,
10 and end-boards may be readily and rigidly put together or separately detached from each other; and it consists, essentially, in forming the bottom, sides, and end-boards independent of each other, a hook-and-eye connection
15 being provided to connect each side to the bottom, and dovetailed plates fastened to the ends of the sides to receive the ends of the boards, which are rigidly secured to the bottom of the wagon by screwed rods, all the parts being ar-
20 ranged and constructed substantially in the manner hereinafter more particularly explained.

Figure 1 is a perspective view of my wagon-box. Fig. 2 is a similar view with one-half
25 of the end-board removed. Fig. 3 is a perspective detail of the front board. Fig. 4 is a perspective detail of the tail-board.

In the drawings, A represents the bottom of the wagon-box made independent of the other
30 parts. B are the sides, also made independent of each other and of the bottom A. C is the front board, and D the tail-board.

At or near the center of each of the sides B a strap, E, is rigidly secured. At the bottom
35 end of this strap E is formed an eye, *a*, designed to fit over the hook F, which is rigidly fastened to the bottom A, as indicated. More than one strap E may be used, if desired; but for all practical purposes one strap for
40 each side will be sufficient. Near each end of each of the sides B, I securely fasten the plate G, with the dovetailed groove formed in it to receive the dovetail formed on each of the brackets H, securely fastened to the ends
45 of both the front boards, C, and tail-board D, as indicated.

It will be noticed that the tail-board is divided vertically in two, and that the two parts are connected together by hasps *b*, which are
50 hinged on one part and have staples *d* fixed to the other part, the said hasps being held on their respective staples *d* by the vertical rod I, which passes through the staples *d*, and is screwed into a nut suitably held in the bot-

tom A. The front board, C, is secured in po- 55
sition by the rod J, which passes through clips attached to the said front board, C, and is screwed into a nut held in the bottom A in the same manner as the nut into which the rod I is screwed. 60

With a view to providing means for deep-
ening the wagon-box, I secure on the outside of each of the sides B a plate, K, having a dovetail groove cut in it designed to receive the lids L, which are secured to a board, M, 65
as indicated. Each side B may be thus deepened, and the plates K also provide means for securing racks or any other device which may be desired to be applied to the wagon.

From this description it will be seen that 70
one man or boy may without difficulty move a wagon-box from the vehicle, and he can with equal facility put the parts together in the manner shown. It will also be understood that as the tail-board D is divided in two, one end 75
may be removed at a time, so that potatoes or other contents may be readily removed in baskets without permitting any to drop on the ground.

What I claim as my invention is— 80

1. A wagon or sleigh box consisting of sides B, each having a strap, E, with an eye, *a*, fixed to it, and plates G, having dovetailed grooves, in combination with the hooks F, secured to the bottom A, and front board, C, and tail-board 85
D, each provided with dovetailed brackets H, engaging the grooves in the plates G; substantially as and for the purpose specified.

2. A wagon or sleigh box consisting of sides B, each having a strap, E, with an eye, *a*, fixed 90
to it, and plates G, having dovetailed grooves, in combination with the hooks F, secured to the bottom A and front board, C, tail-board D, with dovetailed brackets H, and screwed rods I J, substantially as and for the purpose speci- 95
fied.

3. A wagon or sleigh box having a divided tail-board, D, one part of which has hasps *b* hinged to it to engage with staples *d*, fixed to the other part, in combination with the 100
screwed rod I, passed through said staples and screwed into a nut in the bottom of the box, substantially as and for the purpose specified.

Toronto, October 28, 1886.

JAMES COCHRANE.

In presence of—

CHARLES C. BALDWIN,
CHARLES H. RICHES.