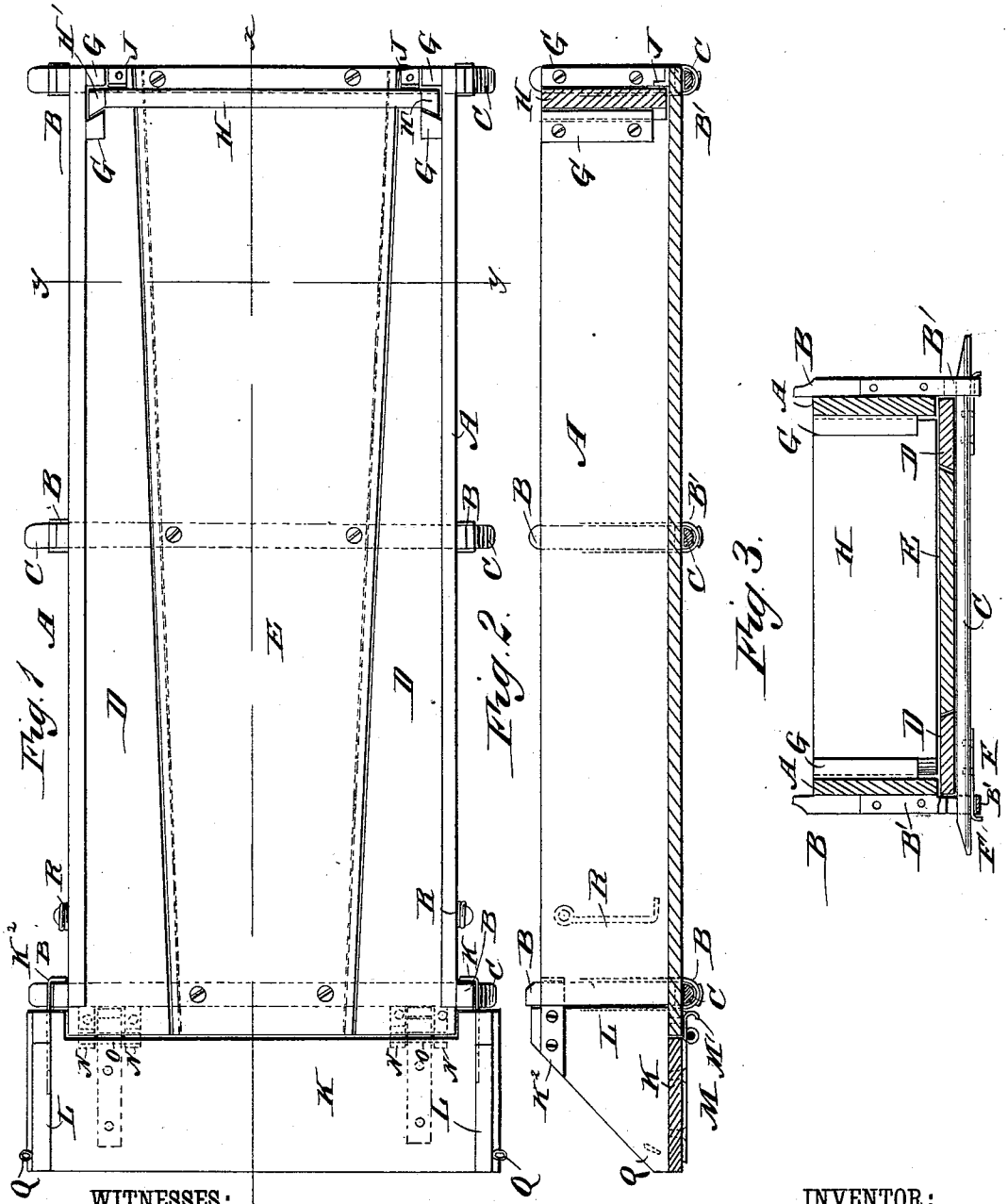
(No Model.)

H. JACOBS.

WAGON BOX.

No. 335,359. Patented Feb. 2, 1886.



WITNESSES:

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UNITED STATES PATENT OFFICE.

HENRY JACOBS, OF EVANSVILLE, INDIANA.

WAGON-BOX.

SPECIFICATION forming part of Letters Patent No. 335,359, dated February 2, 1886.

Application filed June 9, 1885. Serial No. 168,157. (No model.)

To all whom it may concern:

Be it known that I, HENRY JACOBS, of Evansville, in the county of Vanderburg and State of Indiana, have invented a new and Improved Wagon-Box, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved wagon-box formed of sections, which can be taken apart or put together very easily and rapidly, making it very convenient for one person to place it on or remove it from the running-gear of the wagon.

The invention consists in the construction and combination of parts and details, as will be fully set forth and described hereinafter, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a plan view of my improved wagon-box. Fig. 2 is a longitudinal sectional elevation of the same on the line *x x*, Fig. 1. Fig. 3 is a cross-sectional elevation of the same on the line *y y*, Fig. 1.

On the outer surfaces of the side pieces, A, the upright stakes B are secured, which are provided at their lower ends with loops B′, for receiving the ends of half-round cross-bars C, on which the floor of the box rests, the said floor being formed of three wedge-shaped pieces, D E, of which the middle piece, E, is held by bolts or screws to the cross-bars C.

On the bottom surface of each cross-bar C a metal clip, F, is secured at each end, which clip has its outer end, F′, bent down.

On the inner surfaces of each side piece or board, A, two cleats, G, are secured, at the front end, one of which is beveled to form a dovetailed recess between the cleats, for receiving the dovetailed ends H′ of the front end gate, H. Angle-clips J are secured to the front ends of the floor-sections D, against which clips the bottom part of the front end gate rests, and prevents the floor from slipping back. The rear end gate, K, having the beveled end pieces, L, is provided with two clips, M, having hooks M′ on the ends, the lower ends of the clips projecting from the lower end of the gate K. Each clip M passes between two clips, N, secured on the under side of the rear end of each floor-section D, the outer ends of the clips N being united by a rod or pin, O, on which the hooks M′ can catch.

On the inner side of each end piece, L, of the rear end gate, K, a hook, K^2, is secured, which can catch on the rear stake, B, on the same side of the box. Eyes Q or staples are secured on the outer sides of the pieces L, and hooks R are pivoted to the outer surfaces of the side pieces, A, at the rear ends.

The gate can be swung down, as shown in Figs. 1 and 2, or can be swung up. The hooks K^2 prevent its swinging down too far, and the hooks R hold it when raised.

The box can be taken apart or set up very easily and rapidly. First the end gates are removed, then the sections D of the floor are drawn out, letting the sides A down on the cross-bars C, so they can be taken off the running-gear separately, and the section E of the floor, with the cross-bars attached, can be lifted off.

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

1. A wagon-box floor formed of three wedge-shaped pieces, substantially as herein shown and described.

2. In a wagon-box, the combination, with a floor, of the cross-bar C, the clips F, having their outer ends bent down, the side pieces, A, the stakes B, and the loops B′ on the lower ends of the same, substantially as herein shown and described.

3. In a wagon-box, the combination, with a floor, of the cross-bars C, having the tops of their projecting ends beveled, the side pieces, A, the stakes B on the same, the loops B′ on the stakes, and the clips F, secured on the bars C, and having bent ends F′, substantially as herein shown and described.

4. In a wagon-box, the floor composed of a center board, and removable boards on opposite sides thereof, and cross-bars secured to the under side of the central board and supporting the removable boards, in combination with the sides having loops on their lower edges to

receive the ends of the cross-bars, and the end gates constructed to hold the sides in an upright position, substantially as set forth.

5. The combination, with the floor D E, of the side pieces, A, having cleats G, the front end gate, H, and the angle-pieces J, substantially as herein shown and described.

6. The combination, with the floor D E, the side pieces, A, and stakes B, of the rear end gate, K, having ends L, and of the hooks K^2 on the same, substantially as herein shown and described.

HENRY JACOBS.

Witnesses:
CHARLES E. JOHNSON,
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