

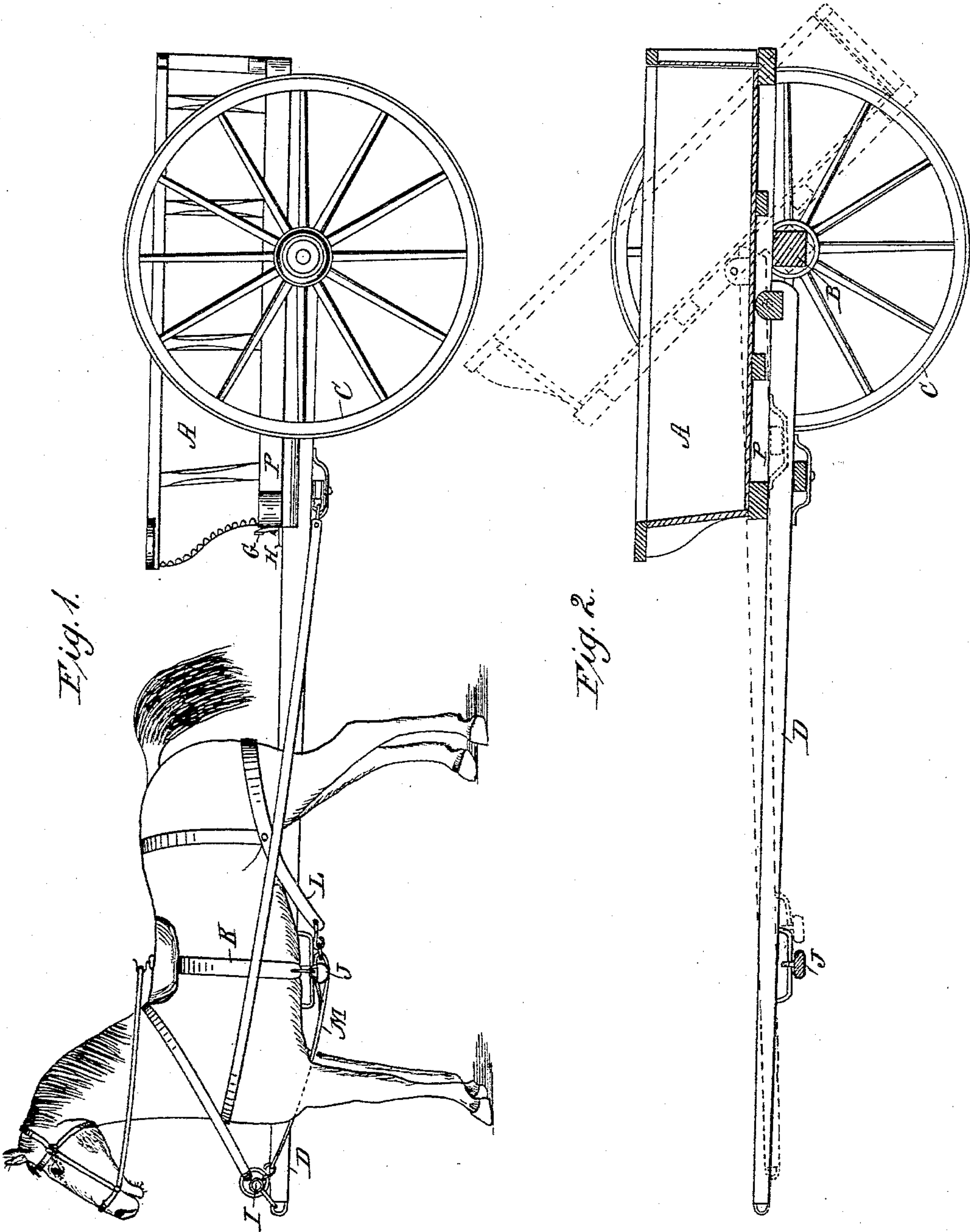
(No Model.)

2 Sheets—Sheet 1.

R. CLARK.
DUMP CART.

No. 300,572.

Patented June 17, 1884.



WITNESSES:

W. W. Hollingsworth
W. X. Stevens

INVENTOR:

Robert Clark
BY *Munn & Co*
ATTORNEYS.

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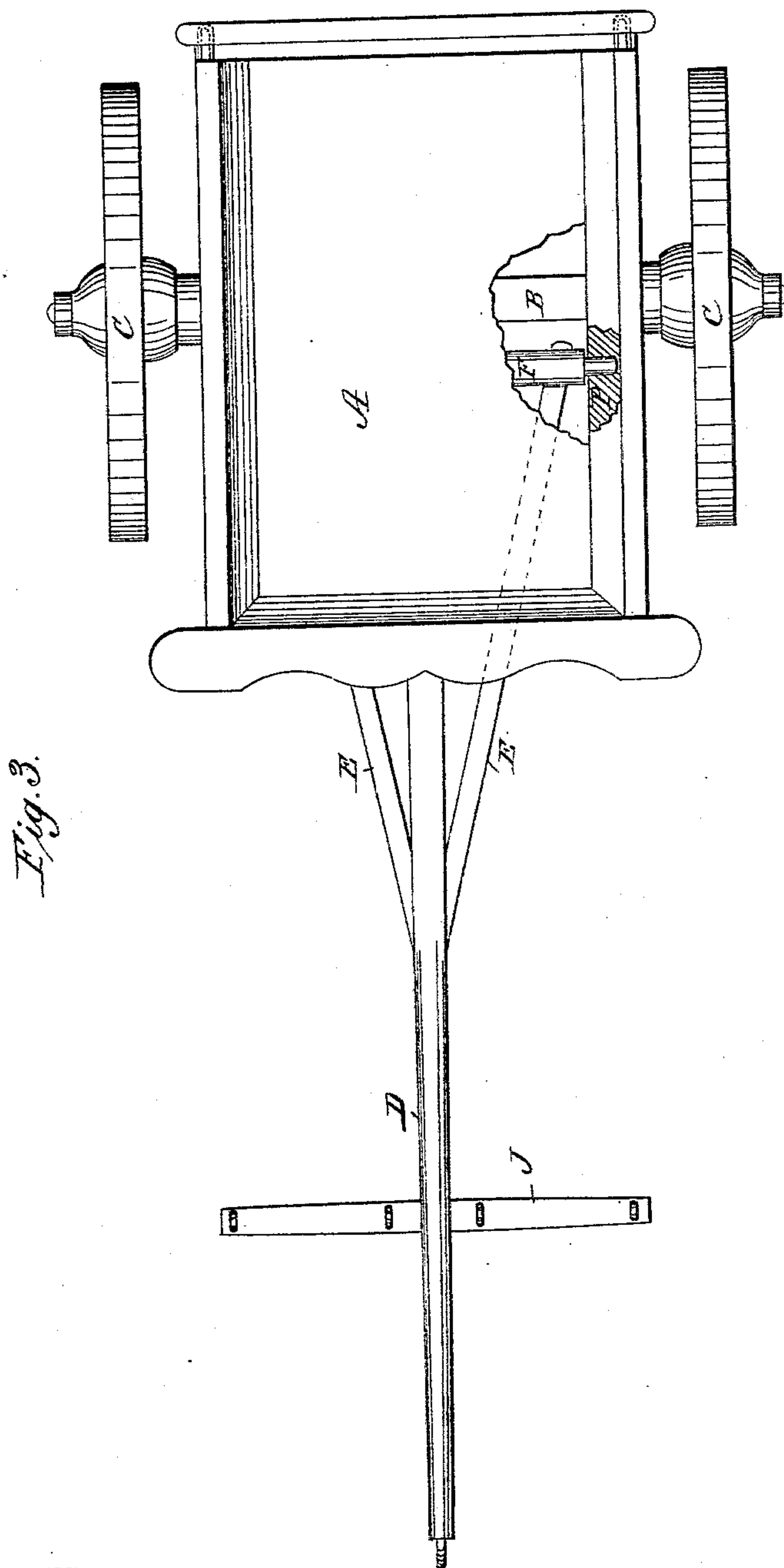
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UNITED STATES PATENT OFFICE.

ROBERT CLARK, OF BROCKVILLE, ONTARIO, CANADA.

DUMP-CART.

SPECIFICATION forming part of Letters Patent No. 300,572, dated June 17, 1884.

Application filed January 3, 1884. (No model.) Patented in Canada August 31, 1878, No. 9,156.

To all whom it may concern:

Be it known that I, ROBERT CLARK, a subject of the Crown of Great Britain, residing at Brockville, in the Province of Ontario and Dominion of Canada, have invented a new and useful Improvement in Dump-Carts, of which the following is a specification.

It has not been common in two-horse dump-carts to so balance the cart on its axle that any considerable portion of the load may be supported upon the backs of the team, as in single-horse carts, because the pole being on only one side of each horse it has not heretofore been convenient to so connect with said pole by means of straps passing over the saddle as to support the pole in the saddle without a twisting or sidewise strain thereon. This has been a great disadvantage; and it is the object of my invention to obviate the same by the construction and combination of parts of a dump-wagon and harness hereinafter described and claimed, reference being had to the accompanying drawings, in which—

Figure 1 is a side elevation of my wagon with a team attached. Fig. 2 is a longitudinal vertical section of the same, part in elevation, showing the action of the cart in dotted lines; and Fig. 3 is a plan view of the cart.

A represents the body of the cart, rigidly secured on the axle B, which is provided, as usual, with wheels C.

D is the tongue, braced at its rear end by hounds E and the cross-bar F, all secured together. The ends of this cross-bar projecting beyond the hounds are formed into trunnions which are journaled in side beams, P, of the cart-body, above and in front of the axis of the cart-wheels, so that when the pole advances the cart-body is pulled to tip down forward, but when the pole recedes it tends to tip the body backward. The forward part of the body is held down upon the tongue by means of a long-handled hook, G, engaging a stud or hasp, H.

I is the neck-yoke, secured, as usual, at the end of the pole.

J is a cross-bar, which is the main feature

of my invention. I call it a "ventre-bar." It is loosely secured to the under side of the pole by means of a long staple on top of the bar engaging a long staple on the under side of the pole. It is located at a point on the length of the pole which brings it beneath the bodies of the horses directly under the harness-saddles.

K is a strap extending from each saddle down each side of the horse to the ventre-bar, to which the strap is attached by hooks and staples or some similar detachable connection.

L represents a strap which connects the breeching with the ventre-bar, that it may be used to back by, and M is a strap connecting the ventre-bar, at a point under the center of the horse, with the end of the neck-yoke, to stiffen the action of the pole. By means of the ventre-bar and the saddle-strap attached to it, any amount of weight upon the cart-tongue will bear directly upon the saddles of the horses, enabling the horses to carry that portion of the load naturally.

Having thus described my invention, what I claim as my invention, and wish to secure by Letters Patent, is—

1. The combination, with the tongue D, of the ventre-bar J, secured thereto at a point of its length adapted to bring it beneath the harness-saddles, as and for the purpose specified.

2. The combination, with the tongue D and the ventre-bar J, secured thereto, of the supporting-straps K for connecting the ventre-bar with the harness-saddle, as described.

3. The combination, with the tongue D, the ventre-bar J, and the supporting-straps K, of the strap L, connecting the ventre-bar with the breeching, as shown and described.

4. The combination, with the tongue D, the ventre-bar J, the supporting-strap K, and the breech-connecting strap L, of the strap M, connecting the yoke and ventre-bar, as shown and described.

ROBERT CLARK.

Witnesses:

W. J. LEUDRUM,
H. H. SMITH.