

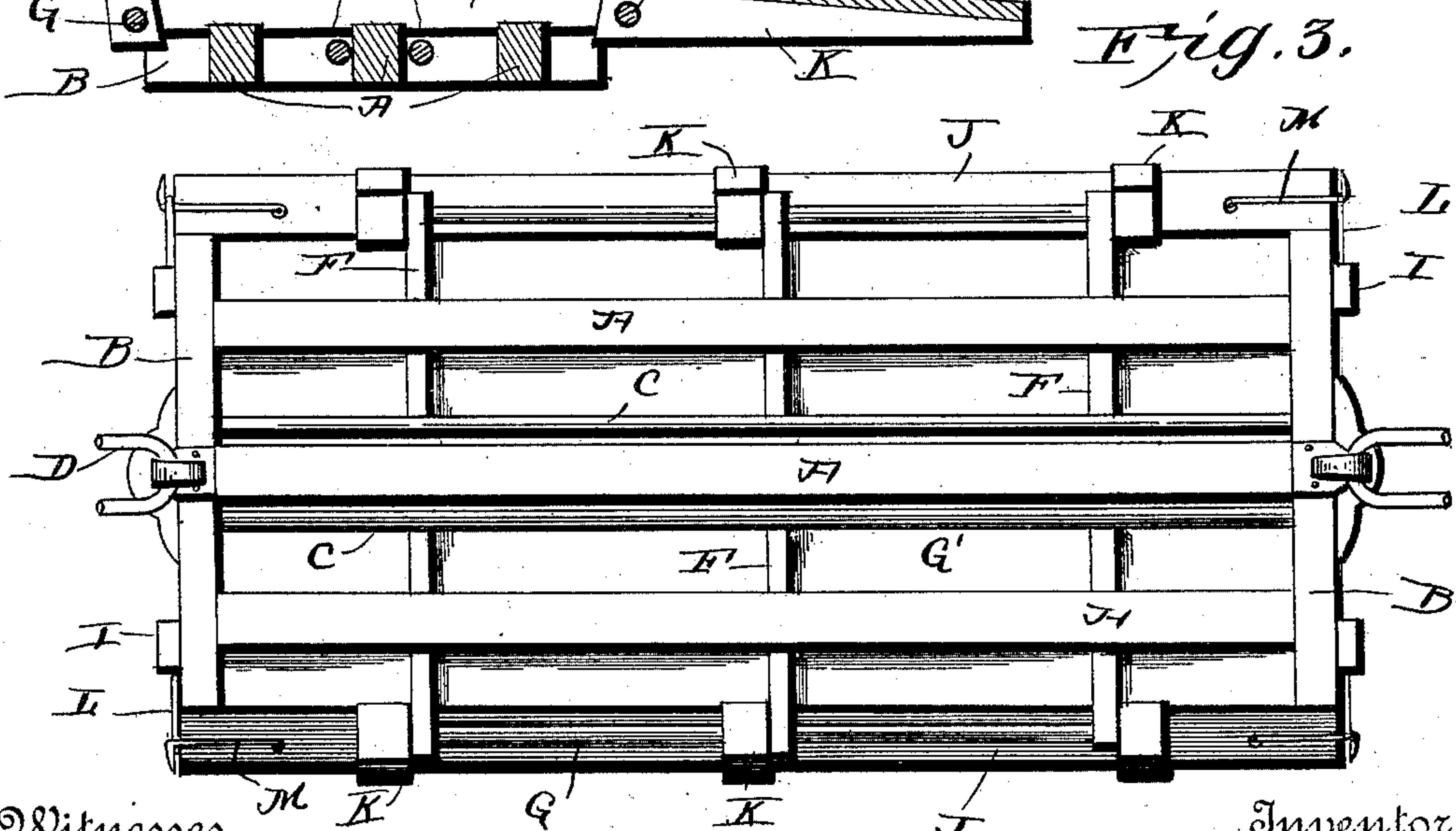
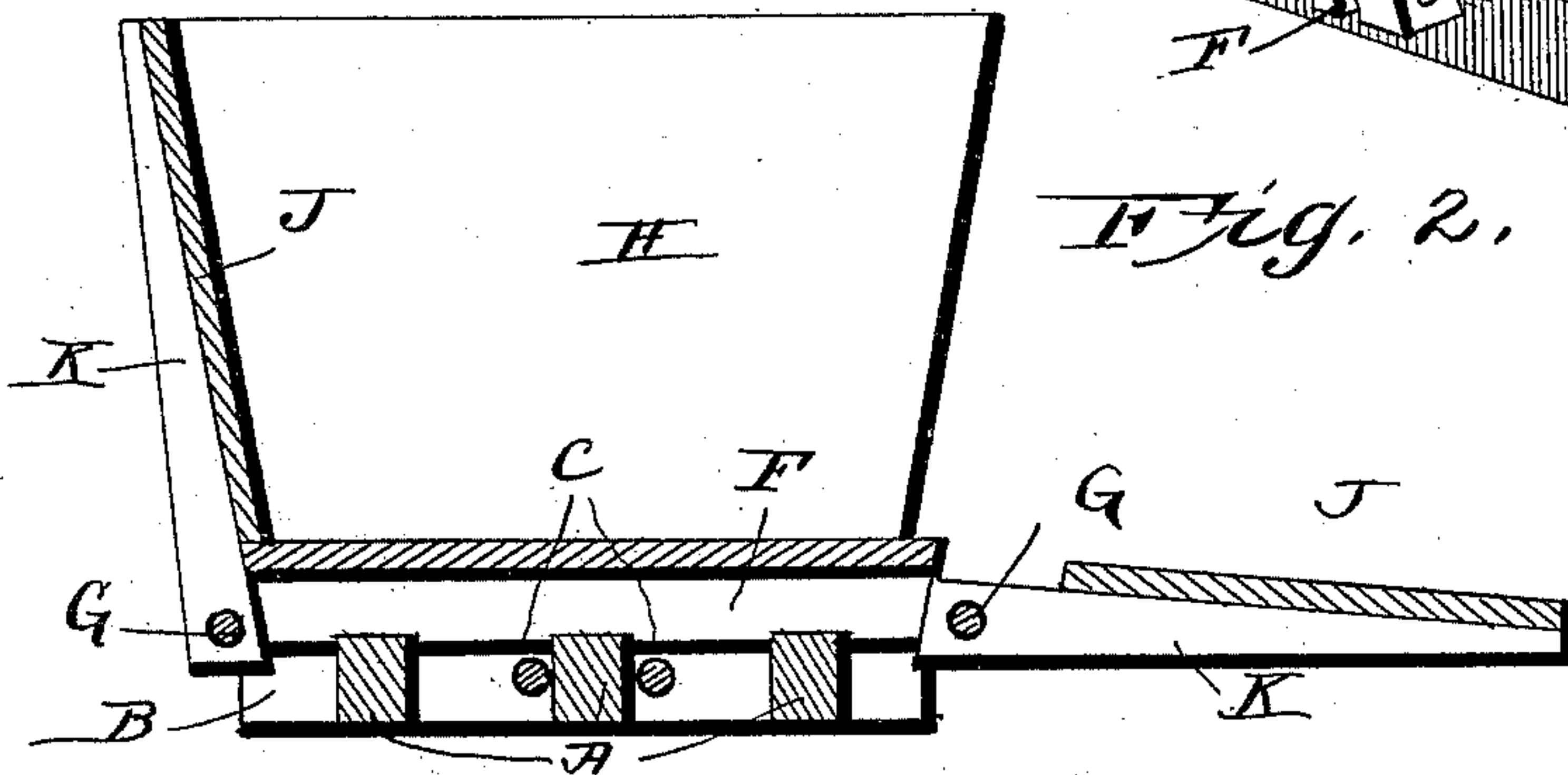
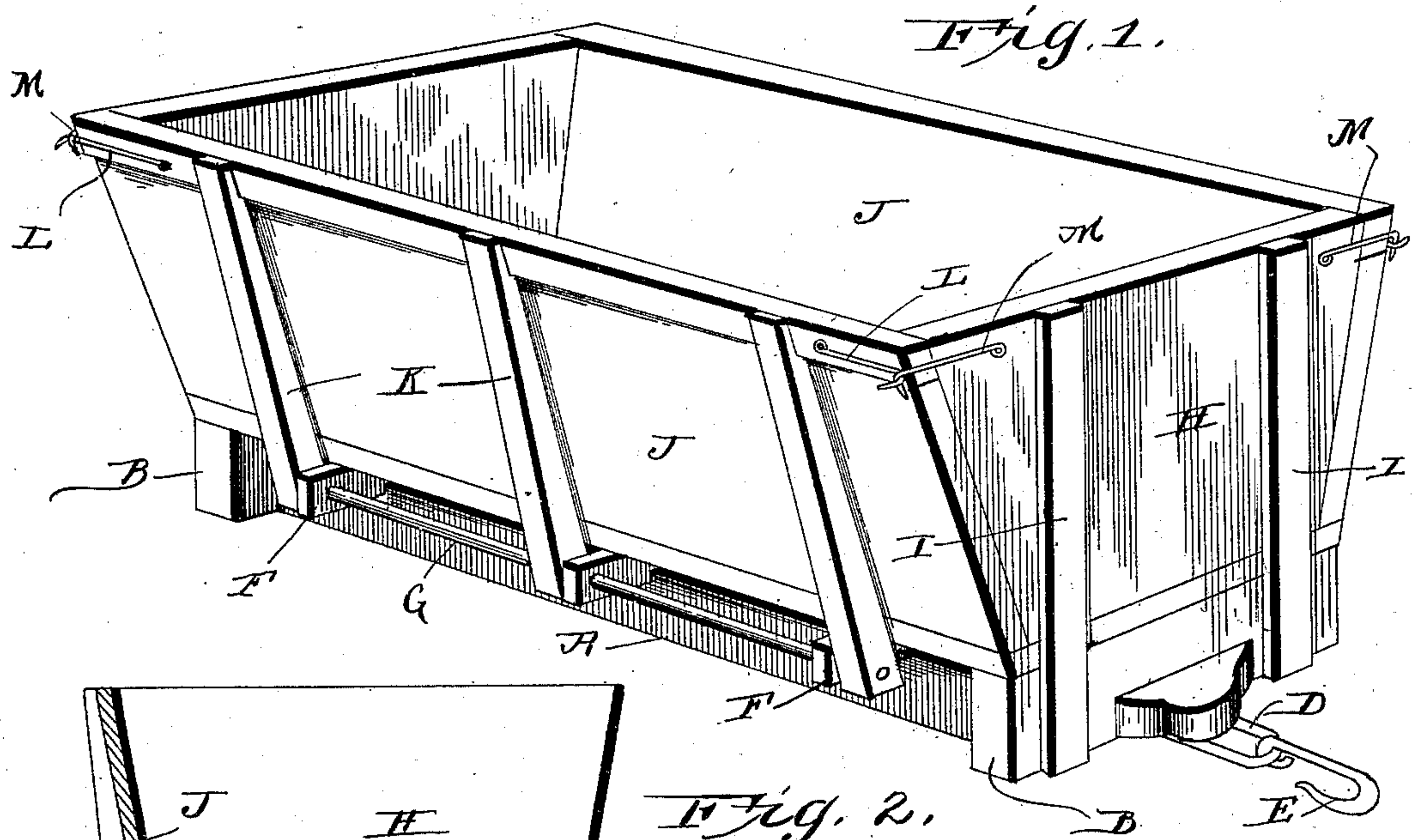
(No Model.)

Z. T. EARLE.

CAR FOR CARRYING SUGAR CANE.

No. 398,138.

Patented Feb. 19, 1889.



Witnesses

Frank J. Ober

R. W. Bishop,

Inventor,

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By *his* Attorneys

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UNITED STATES PATENT OFFICE.

ZACK TUCKER EARLE, OF WHITE CASTLE, LOUISIANA.

CAR FOR CARRYING SUGAR-CANE.

SPECIFICATION forming part of Letters Patent No. 398,138, dated February 19, 1889.

Application filed November 21, 1888. Serial No. 291,464. (No model.)

To all whom it may concern:

Be it known that I, ZACK TUCKER EARLE, a citizen of the United States, residing at White Castle, in the parish of Iberville and State of Louisiana, have invented new and useful Improvements in Cars for Carrying Sugar-Cane, of which the following is a specification.

My invention relates to improvements in cars for carrying sugar-cane; and it consists in certain novel features hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of my improved car. Fig. 2 is a sectional view showing one of the sides lowered. Fig. 3 is a bottom plan view.

In carrying out my invention I employ the longitudinal beams A A, to the ends of which I secure the transverse vertical sills B B, as shown. These sills B B are further connected and strengthened by the longitudinal brace-rods C C, which are arranged on the opposite sides of the central longitudinal beam, A, as clearly shown. The draft-attaching devices are secured to the under sides or edges of the sills and consist of a link, D, and a hook, E, as clearly shown.

Upon the upper sides of the beams A A, at the center and near the opposite ends of the same, I secure the cross bars or beams F, the ends of which project beyond the ends of the sills and have a cylindrical rod, G, secured therein.

The floor G' is secured upon the cross bars or beams F and the sills B, and the vertical end pieces, H, are secured to standards I, which are secured to and project upward from the sills, as shown.

The sides J J are secured to standards K, the lower ends of which project beyond the lower edge of the sides, and are pivotally mounted on the cylindrical rod G, secured in the ends of the cross-bars F. The sides are provided at their upper corners with hooks L, which are engaged by hooks M, pivoted to the upper ends of the standards I, so as to hold the sides in their raised positions.

In practice the cane is stored in the car, as will be readily understood, and will be pre-

vented from slipping from the same by the ends and sides. When it is desired to unload the car, the sides are lowered, as shown in Fig. 2, so that ready access can be had to the cane and the same quickly removed from the car.

It will be observed that I have provided a very strong car by which the cane can be hauled from place to place without liability of slipping from the car, thereby being lost or injured. The ends of the car maintain the cane in an even load, so that its weight is applied equally to all parts of the bottom. The hooks at the upper corners of the car effectually maintain the sides in their raised position and can be quickly disengaged so as to lower the sides.

From the foregoing description it is thought the advantages of my device will be readily understood without a further detailed reference thereto.

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

The improved car herein described and shown, comprising the longitudinal beams A A, the transverse sills B B, secured to the ends of said beams, the longitudinal brace-rods C C, connecting the said sills, the cross-bars F, secured on the upper sides of the beams A A, the ends of said cross-bars projecting beyond the ends of the sills B, the cylindrical rods G G, secured in the ends of the cross-bars, the floor G', rigidly secured upon the cross-bars F and the sills B, the standards I, rigidly secured to the sills D, the end pieces, H, secured rigidly to said standards, the standards K, pivoted on the rods G, the sides J, secured to said standards, the hooks M, secured to the upper corners of the ends H, and the hooks L, secured to the corners of the sides J and engaging the hooks M, as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

ZACK TUCKER EARLE.

Witnesses:

OSCAR D. BILLOW,
R. McCULLOH.