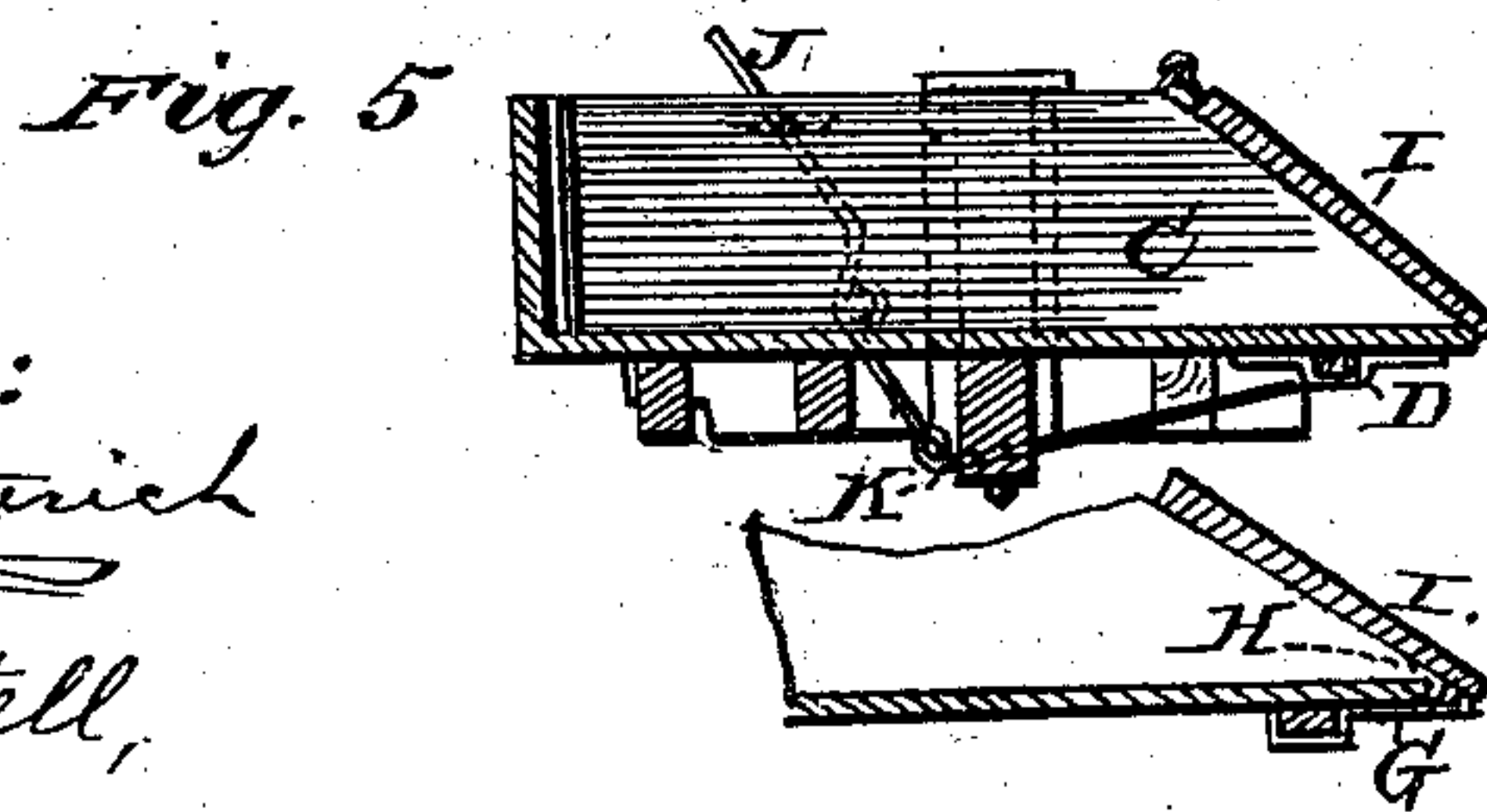
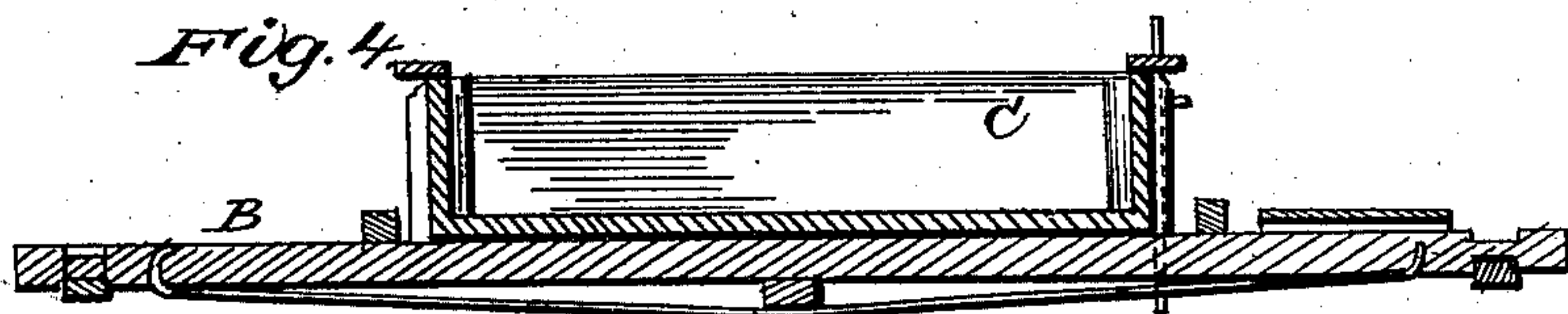
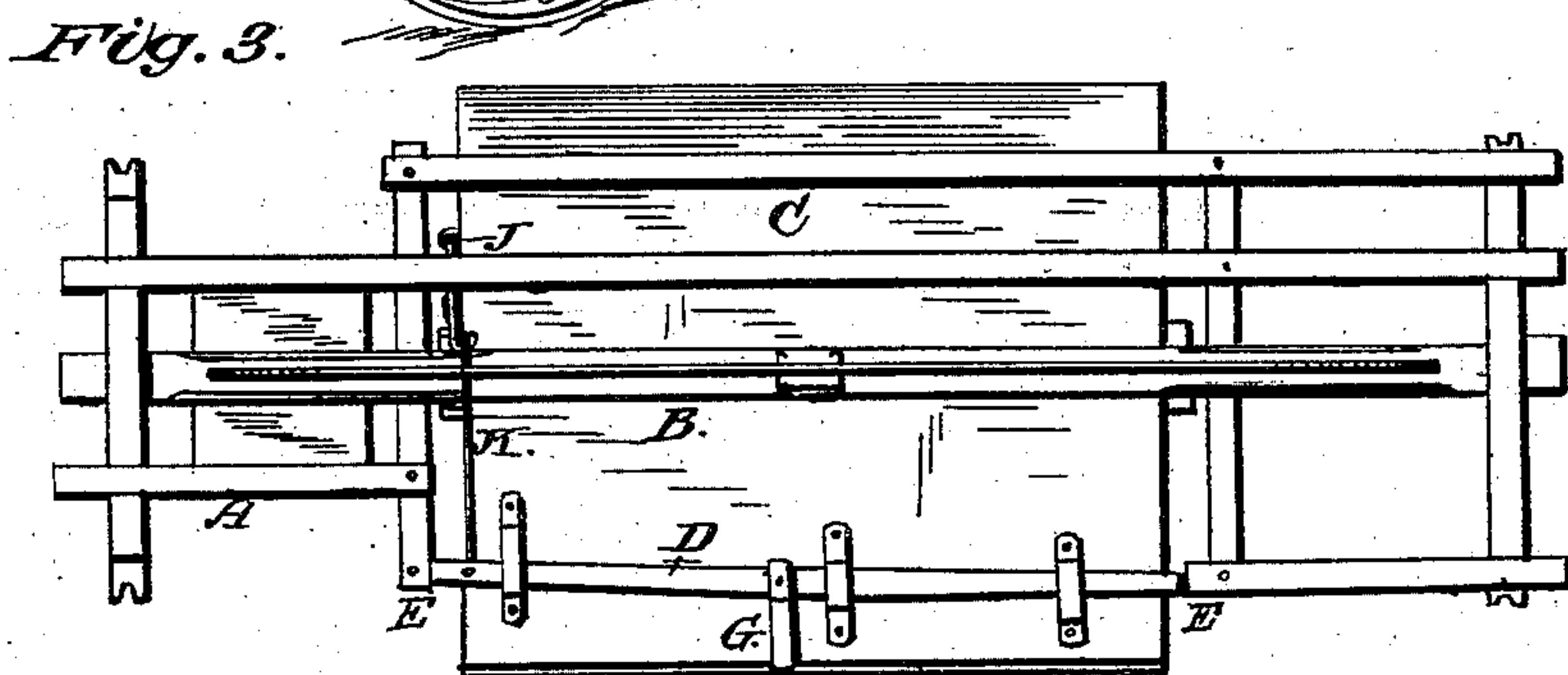
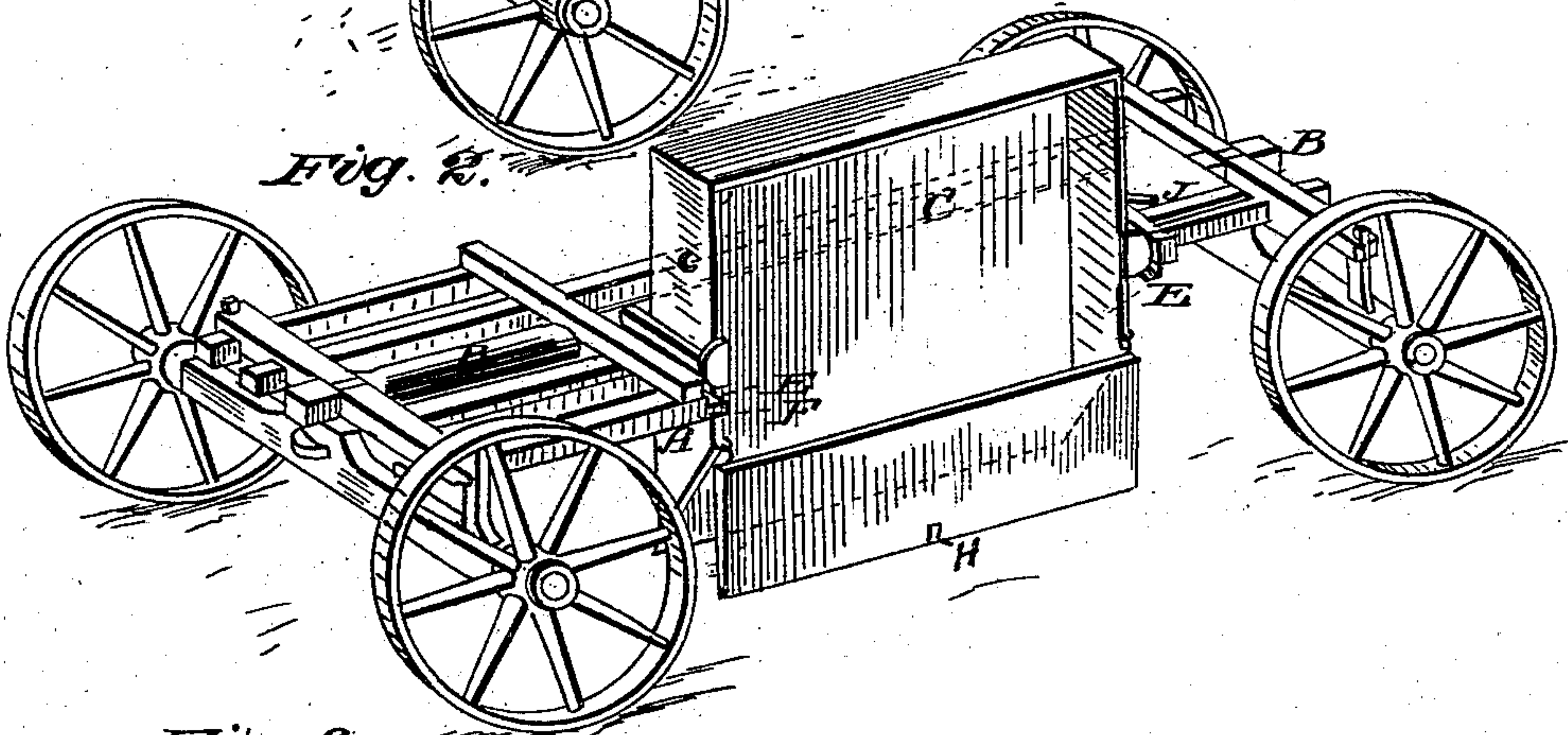
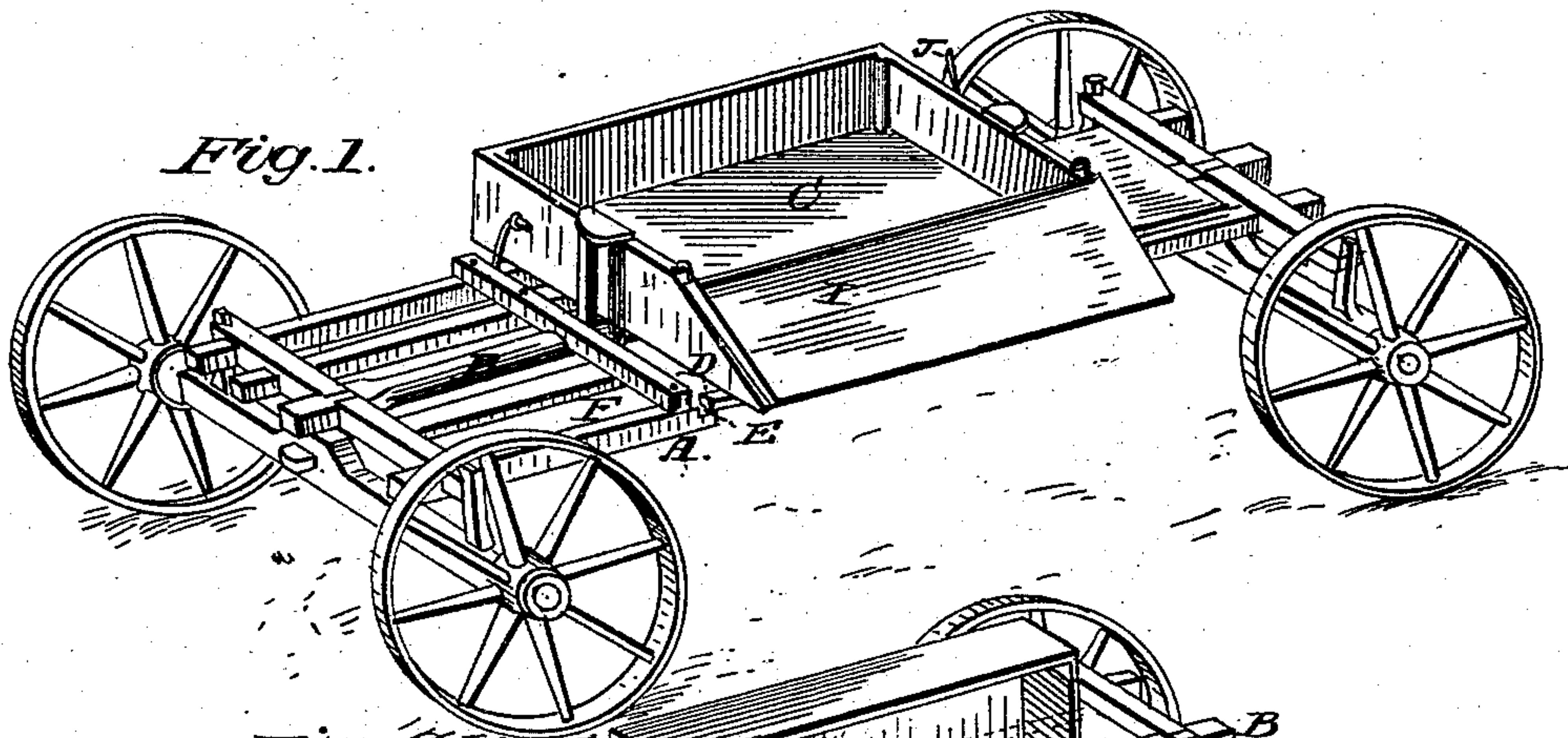


R. H. SHERAR.
Dumping-Wagon.

No. 222,160.

Patented Dec. 2, 1879.



Witnesses:
Fred G. Dietrich
J. C. Littell,

Inventor:
R. H. Sherar,
by Chas. Snow & Co.
Attys.

UNITED STATES PATENT OFFICE.

ROBERT H. SHERAR, OF STANTON, KANSAS.

IMPROVEMENT IN DUMPING-WAGONS.

Specification forming part of Letters Patent No. **222,160**, dated December 2, 1879; application filed October 21, 1879.

To all whom it may concern:

Be it known that I, ROBERT H. SHERAR, of Stanton, in the county of Miami and State of Kansas, have invented certain new and useful Improvements in Dumping-Wagons; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

Figure 1 is a perspective view. Fig. 2 is a similar view, showing the box tilted. Fig. 3 is a bottom plan of the box and frame. Fig. 4 is a longitudinal sectional view, and Fig. 5 is a cross-section.

Corresponding parts in the several figures are denoted by like letters of reference.

This invention relates to tilting boxes for dumping-wagons; and it consists in certain improvements in the construction of the same, which will be hereinafter fully described, and particularly pointed out in the claim.

In the drawings hereto annexed, A represents the frame or truck supporting the longitudinal trussed shaft B of the tilting box C. The frame may be reversible upon the bolsters of the vehicle, as shown in my Patent No. 219,532, issued on the 9th day of September, 1879.

Upon the under side of the bottom of box C is pivoted a lever, D, the ends of which engage notches E E in the cross-pieces F F of frame A, thereby holding the box C in a horizontal position. Near its central point or fulcrum the lever D is provided with a catch, G, adapted to engage a stud, H, upon the lid or side piece I of box C, which is hinged to

the upper corners of the ends of said box. The lever D is operated by a lever, J, pivoted to one end of the tilting box, near the driver's seat, and having its lower end connected by a rod, K, with one end of lever D, as shown.

The operation and advantages of my invention will be readily understood from the foregoing description, taken in connection with the drawings hereto annexed.

While being loaded the wagon-box is held in a level position by the lever engaging the notches upon the frame. To unload, it is only necessary for the driver, standing upon a suitable foot-board provided upon the frame, to operate the lever J, which, through the connecting-rod K, disengages the lever D from the notches in the frame, thereby enabling the box to be tilted. At the same time the catch G is disengaged from the stud H, and the cover of the tilting box is thus thrown open, thus permitting the load to drop.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

The combination, with the frame A, having notches E E, of the tilting box C, having hinged cover I, provided with stud H, the lever D, having catch G, and the lever J and connecting-rod K, all arranged and operating substantially as and for the purpose herein shown and specified.

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

ROBERT H. SHERAR.

Witnesses:

M. P. PORTER,
M. E. WYATT.