

(No Model.)

J. H. HUCKE.

WAGON CURTAIN.

No. 388,563.

Patented Aug. 28, 1888.

Fig. 1

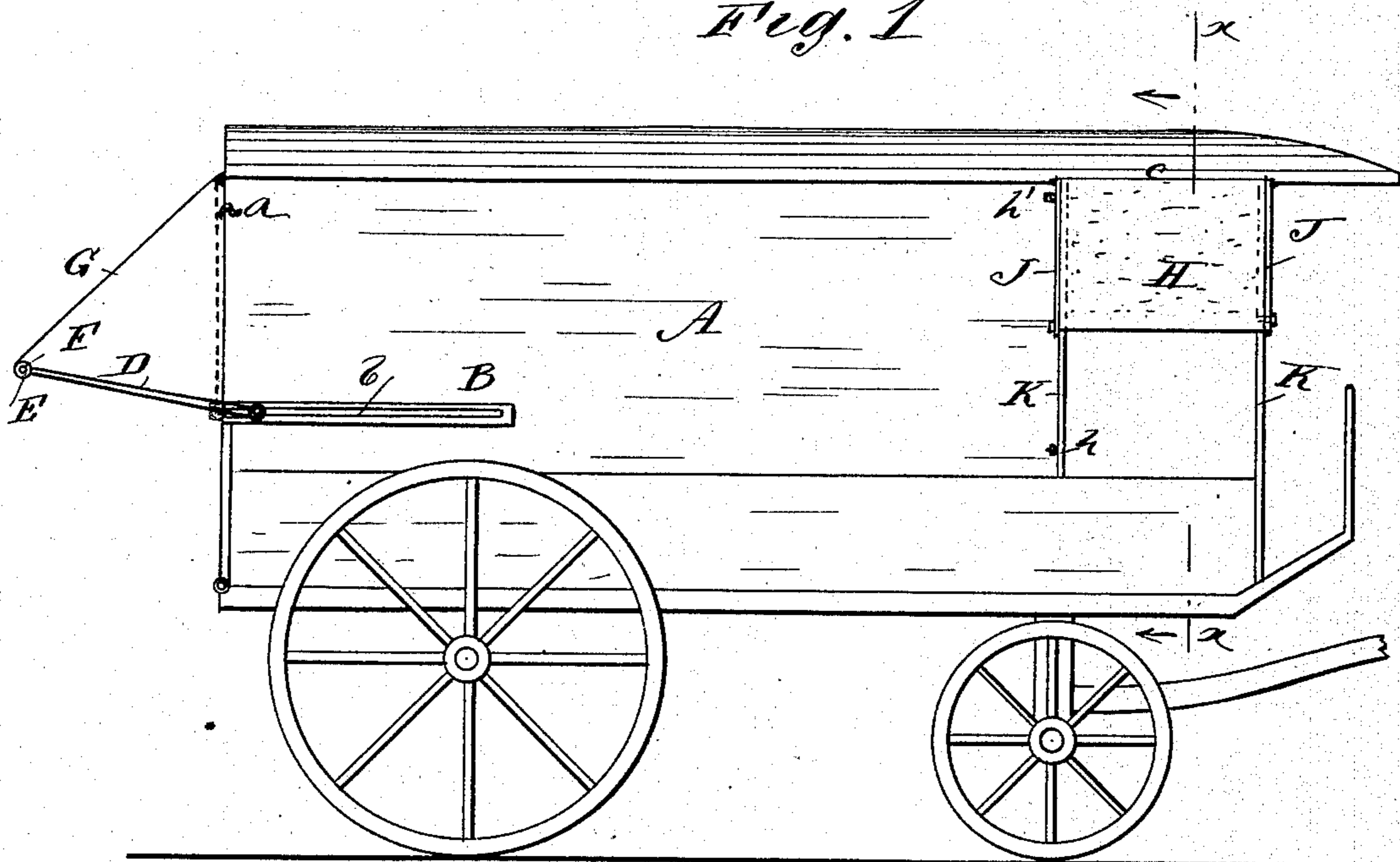


Fig. 2

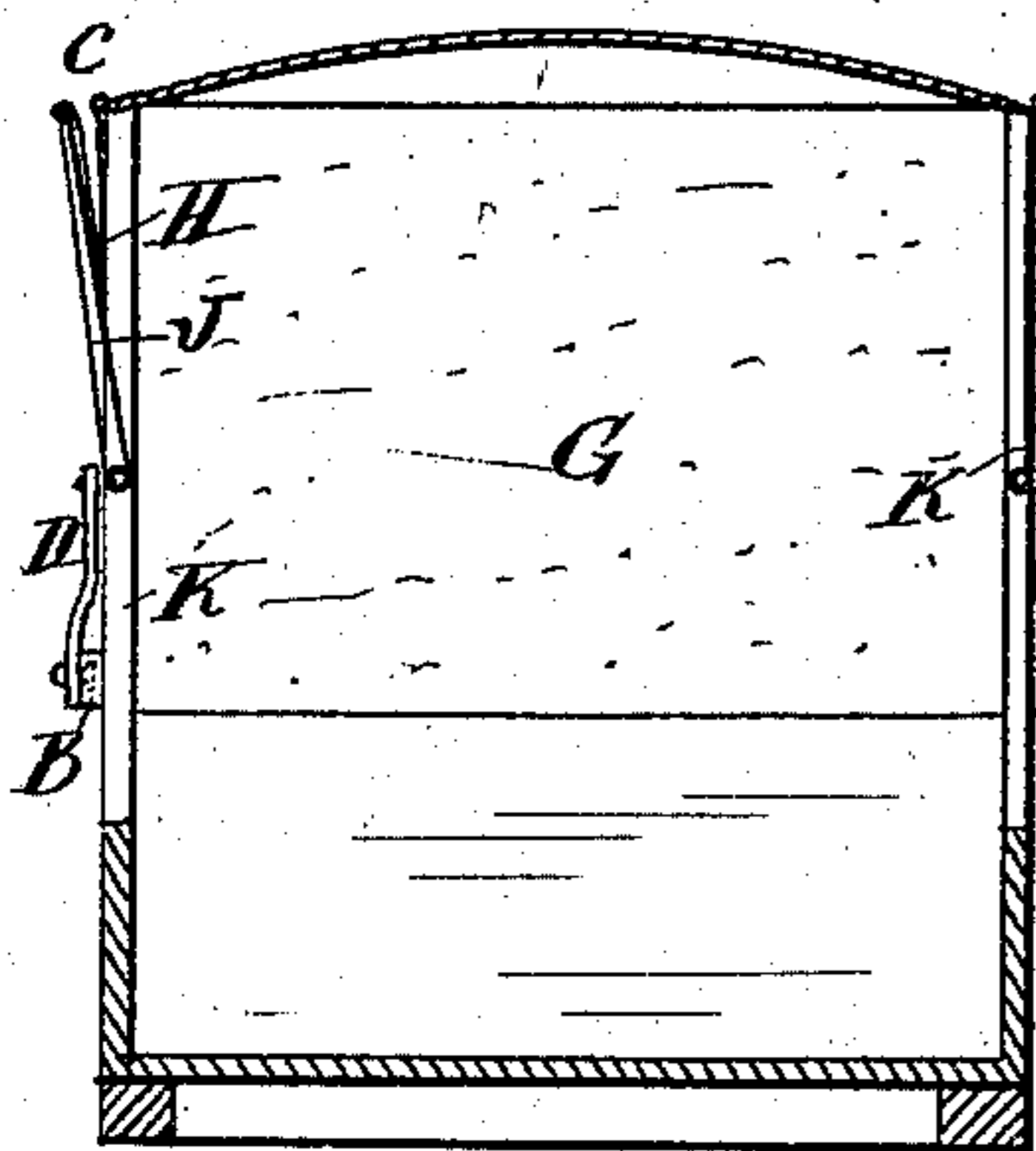
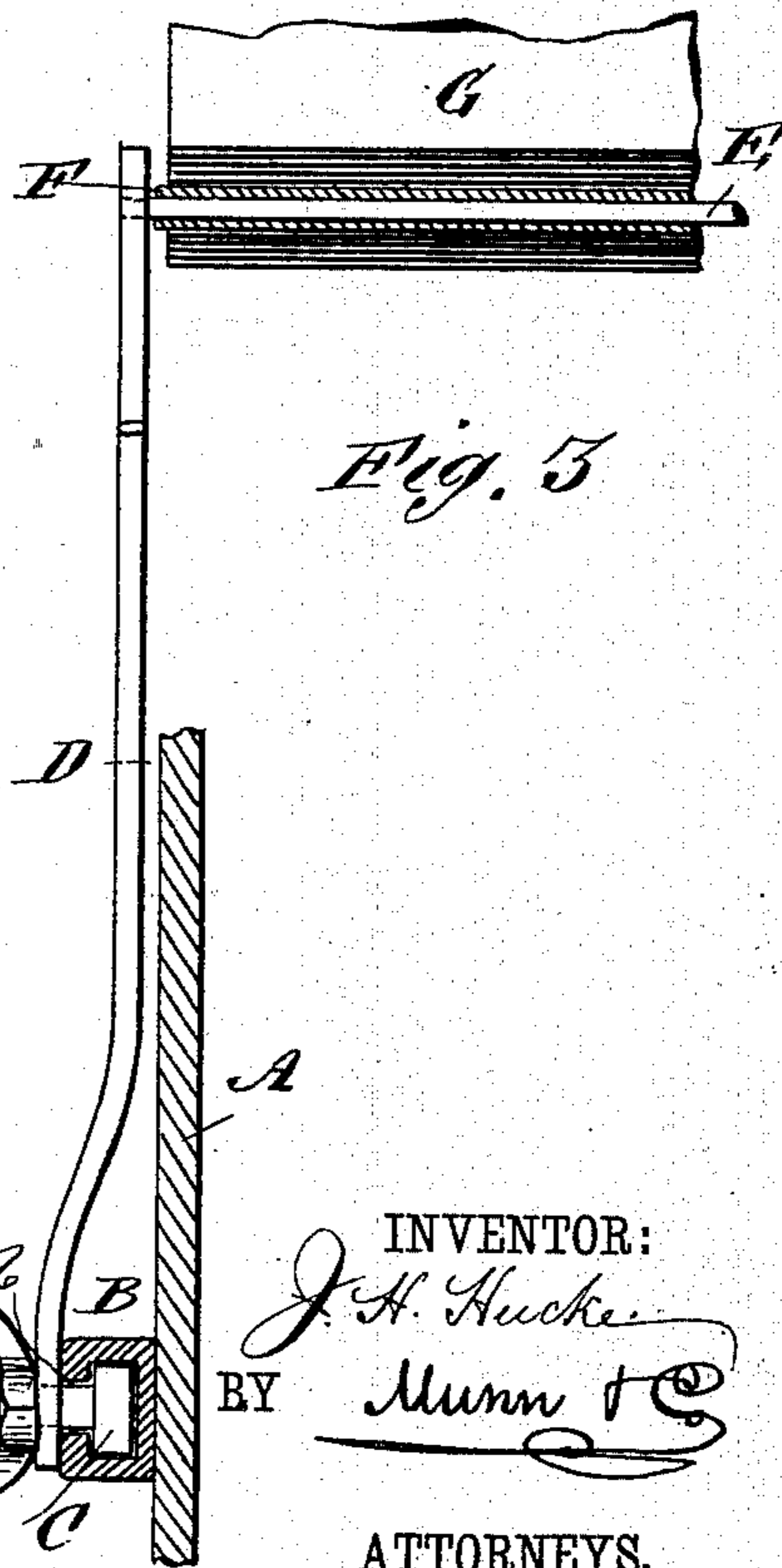
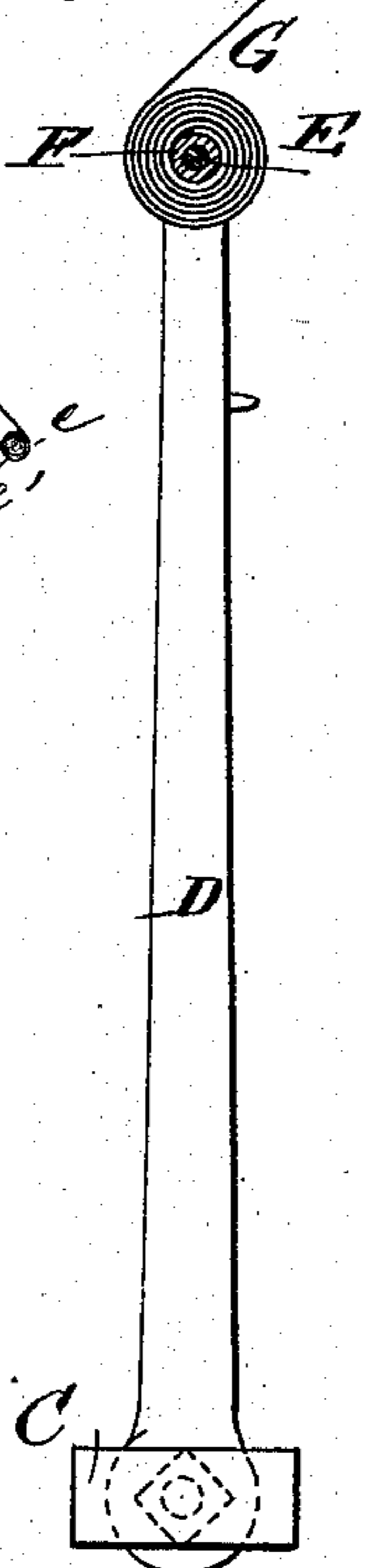


Fig. 4



WITNESSES:

C. Neveu.
C. Sedgwick.

INVENTOR:

J. H. Huckle.
BY *Munn & Co.*

ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOHN H. HUCKE, OF BROOKLYN, NEW YORK.

WAGON-CURTAIN.

SPECIFICATION forming part of Letters Patent No. 388,563, dated August 28, 1888.

Application filed April 7, 1888. Serial No. 269,927. (No model.)

To all whom it may concern:

Be it known that I, JOHN H. HUCKE, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Wagon-Curtain, of which the following is a full, clear, and exact description.

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 side elevation of a wagon having my invention applied thereto. Fig. 2 is a sectional elevation taken on the line *xx* of Fig. 1. Fig. 3 is an enlarged detailed sectional view of the curtain-rod and tube, curtain-arm, and wagon-cover; and Fig. 4 is a front elevation of the curtain-arm, showing the curtain, curtain-rod, and tube in section.

The invention will first be described in connection with the drawings, and then pointed out in the claims.

To the sides of the top *A* are secured the ways *B B*, slotted at the outer surface, as shown at *b*. In the ways *B B* are placed the sliding blocks *C C*, to which, by the threaded studs *d'*, are pivoted the arms *D D*. The outer ends of these arms are joined by the rod *E*, on which is placed the tube *F*, to which the outer end of the rear curtain, *G*, is secured. The upper end of the curtain is secured to the top of the cover *A* in the usual manner. By sliding the blocks *C* toward the front of the wagon the arms *D* and the curtain *G* may be lowered and closed, as indicated in dotted lines in Fig. 1. By shoving said blocks and arms outward the curtain may be held half-open, as shown in full lines in Fig. 1. By lifting the arms *D* to vertical position the lower edge of the curtain may be raised to the top of the wagon, and, if desired, the curtain may be rolled up by turning the tube *F* upon the rod *E*. When the rods *D* are elevated to vertical position, they

may be locked there by hooks *a*, or other suitable fastenings, and by turning the thumb-nuts *d* on the studs *d'* the arms *D* may be fastened at any desired position along the ways *B*, to hold the curtain *G* more or less open, as desired.

The front side curtains, *H*, are each attached at their upper ends, *c*, to the top *A* in the usual manner. The lower edge of each front curtain is attached to a tube, *e*, on a rod, *e'*, which connects the outer ends of the arms *J J* together. The inner ends of the arms *J* are pivoted to the upright pieces *K K* of the top *A*, as shown clearly in Figs. 1 and 2. By tipping the arms *J J* to horizontal position, as shown in Fig. 2, the curtain may be held half-open and in inclined position, as shown in Fig. 2, and by tipping the said arms downward the curtains may be entirely closed, and by raising them to vertical position the lower edge of the curtain may be raised and the curtains rolled up on the tubes *e'*.

The arms *J*, when turned down, may be secured by hooks *h*, and when raised may be secured by hooks *h'*, or other suitable fastenings.

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

1. The ways *B*, secured to the sides of the wagon in horizontal position, and the blocks *C*, placed in said ways, in combination with the arms *D*, attached to said blocks, the rod *E*, and curtain *G*, all arranged to operate substantially as described.

2. The arms *D D*, held by sliding blocks *C*, and the horizontal ways *B*, in combination with the rod *E*, tube *F*, and curtain *G*, substantially as described.

JOHN H. HUCKE.

Witnesses:

H. A. WEST,
EDGAR TATE.