

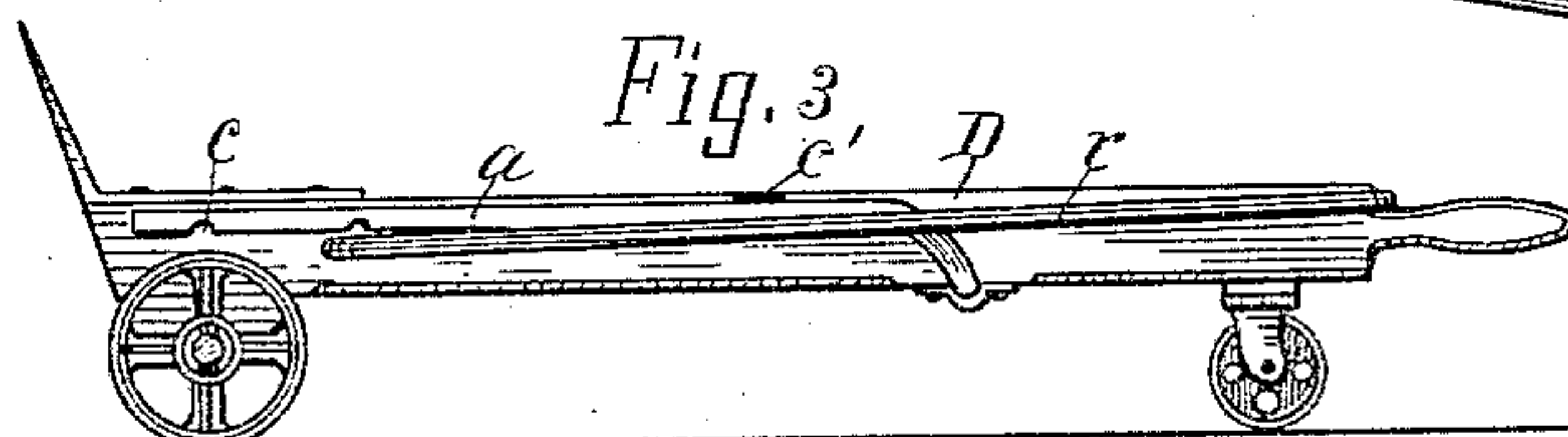
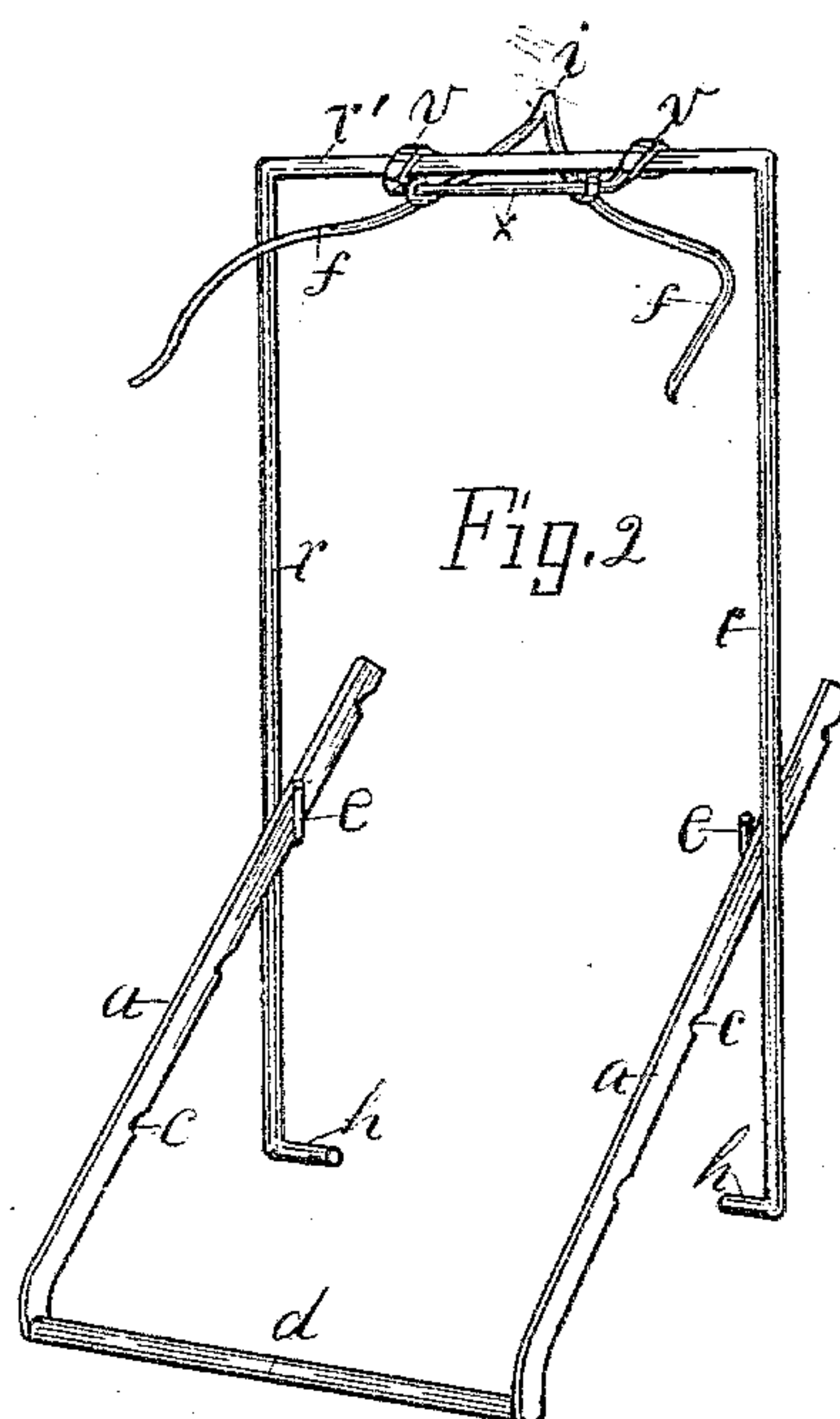
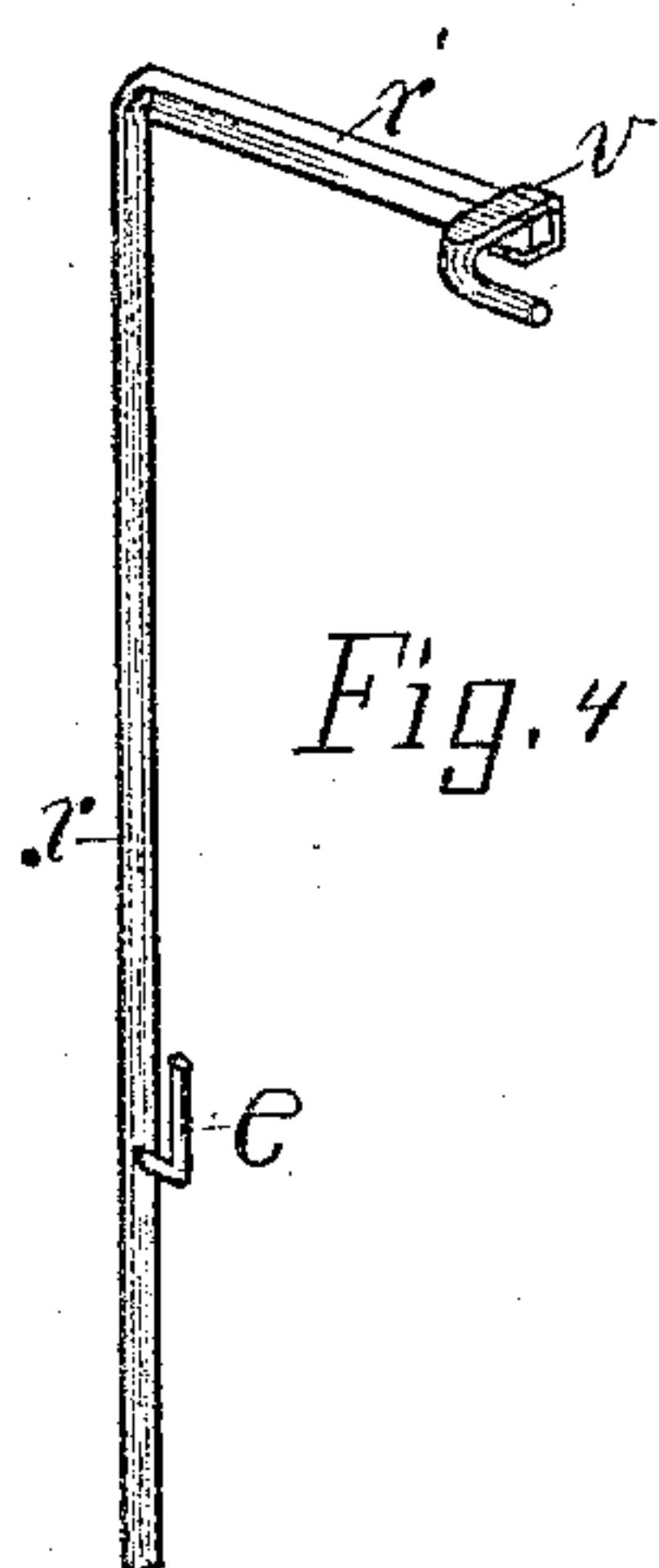
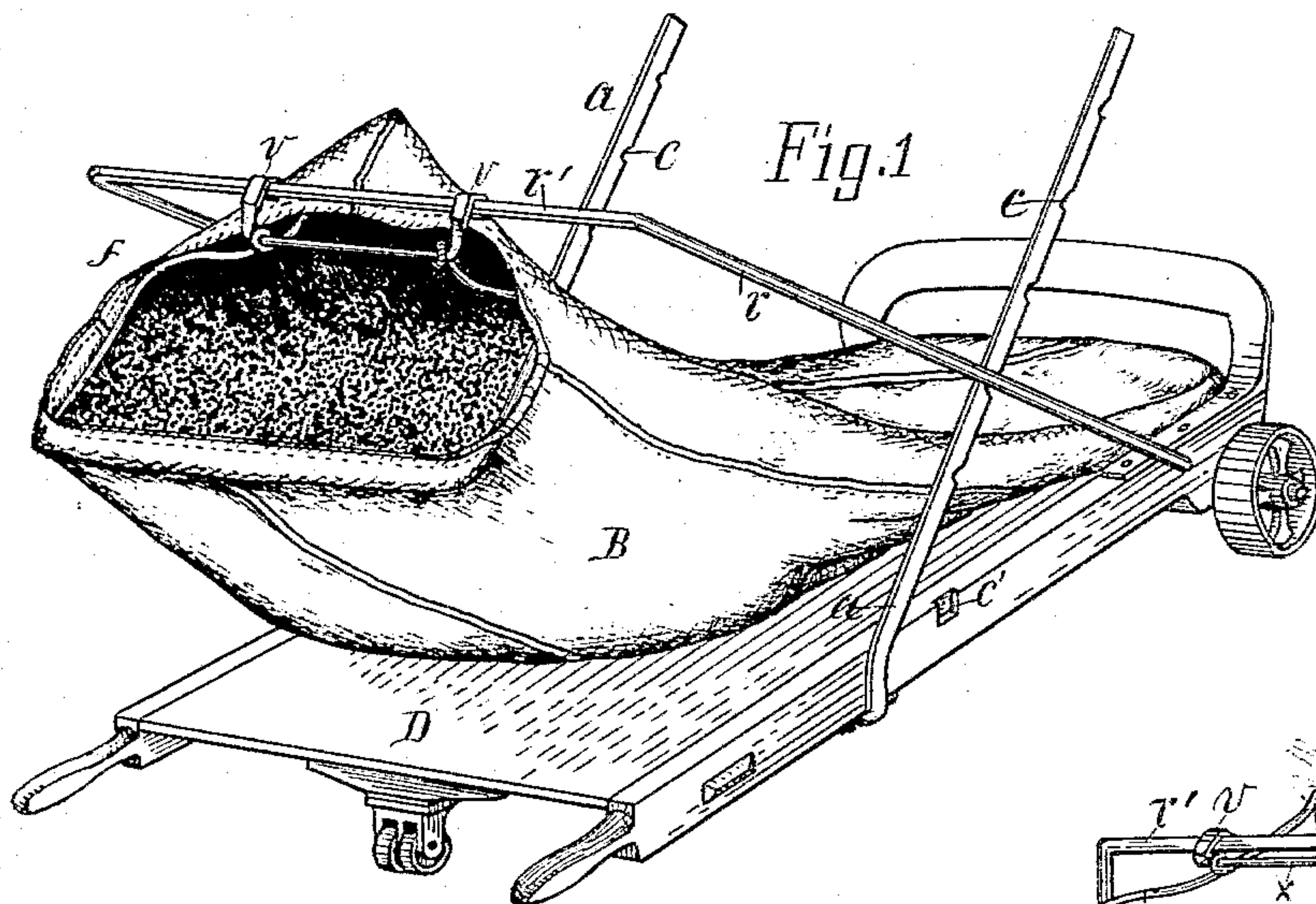
(No Model.)

E. J. EARL.

COMBINED TRUCK AND BAG HOLDER.

No. 321,286.

Patented June 30, 1885.



Witnesses.

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UNITED STATES PATENT OFFICE.

EBENEZAR J. EARL, OF CHARLOTTE, MICHIGAN, ASSIGNOR OF ONE-HALF TO
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COMBINED TRUCK AND BAG-HOLDER.

SPECIFICATION forming part of Letters Patent No. 321,286, dated June 30, 1885.

Application filed February 24, 1885. (No model.)

To all whom it may concern:

Be it known that I, EBENEZAR J. EARL, a citizen of the United States, residing at Charlotte, county of Eaton, State of Michigan, have
5 invented a new and useful Combined Truck and Bag-Holder, of which the following is a specification.

This invention consists in certain improved construction and arrangements of parts, substantially as hereinafter described and claimed.

In the accompanying drawings, forming a part of this specification, Figure 1 is a perspective view, with a bag in use. Fig. 2 are detached parts of Fig. 1, in perspective,
15 showing the bag-holder and its frame; Fig. 3, a side elevation of the truck, showing the holder-frame folded, and Fig. 4 are broken details of Fig. 2 in enlarged perspective.

Referring to the letters marked on the drawings, D is a common truck, with two wheels at one end and two handles at the other. In the drawings a caster-wheel is shown at the handle end, which performs the office of legs in supporting the truck horizontally level, Fig.
25 3. This feature, however, does not pertain to the present invention. Near the foot of the truck the bag-holder frame *r r* is pivotally connected with the truck-frame by loosely inserting the elbow ends *h h* into holes
30 in the sides of the truck. The side bars of the holder-frame are elastic, by which means they are sprung apart to detachably insert the ends *h h*, as above stated. The upper bar, *r'*, of the frame is made square, or four
35 sided, Fig. 4. On the side bars are upwardly-bent lugs, *e e*, forming gains or recesses to receive the side arms, *a a*, of the holder-frame brace. The arms *a a* are connected at the lower end by bar *d*, which is connected with
40 the under side of the truck near the front end by loops or loose bearings in a manner to admit of raising and lowering the brace-arms. Notches *c c* are formed in the under sides of the arms *a a* to engage with the lugs *e e* in hold-
45 ing the bag-holder frame in desired positions.

The bag-holder consists of flexible arms *f f*, formed by bending the ends of a flexible rod toward each other from a central point, *i*, between the two, and leaving them flared
50 apart and bowed, as in Fig. 2.

Between the ends of the arms *f f* and the rear point or loop, *i*, are formed eyes to loosely receive the supporting-bar *x*. This bar is in the form of a widened U, the free ends thereof terminating in rectangular hooks *v v*, Fig. 55 4, which are detachably caught over the square bar *r'* of the bag-holder frame *r r*. By this means the arms *f f* have a free action when adjusting the bag B, and the holder is held substantially horizontally level when the hold-
60 er-frame *r r* is in a vertical position. So far as the operation of the bag-holder frame is concerned in its offices to tilt to different angles and be folded on the truck, other detachable bag-holders may be used, if pre-
65 ferred.

In the operation the bag B is connected with the holder by springing the arms *f f* toward each other and catching the mouth of the bag over said arms and the loop *i*, as in
70 Fig. 1.

It will be observed that the truck stands in its natural horizontal position, as when not in use as a truck, and that the floor of the truck forms a support for the foot of the bag. By
75 raising the brace-arms *a a* the device is tilted to a low oblique angle and secured there, Fig. 1, by which means the mouth of the bag is presented to the person filling it in a convenient position for shoveling in the grain. As
80 the bag is filled it may be raised by degrees until in its upright vertical position. In Fig. 1 the bag is partially filled and ready to be raised a notch higher.

By detaching the bag-holder the frame *r r* 85 and brace-arms *a a* may be folded down each side of the truck, as in Fig. 3, the upper bar, *r'*, catching over the shoulders of the truck-frame at the handles. The truck may then be used for other purposes, the same as though
90 no holder-frame and brace were connected with it.

Mortises *c'* may be formed in the sides of the truck-frame to receive the lugs *e e* when folding the bag-holder frame. 95

It will appear obvious that, so far as the office of the holder-frame *r r* and brace *a a d* to tilt and sustain the mouth of the bag at different positions is concerned, said frame and brace may be connected with a fixed support 100

or platform, or a platform otherwise movable, as an equivalent to the floor of the truck for supporting the foot of the bag.

Having thus described my invention, what I claim is—

1. The combination of a horizontal support for the foot of the bag, a bag holder frame consisting of the side and top bars, connected with said support and adapted to tilt to different angles, a bag-holder connected with the top of said frame, and the brace-arms hinged to said bag-support and adapted to adjustably engage with the side-bars of the bag-holder frame, all substantially as set forth.

2. The combination of the bag holder frame, a support for the foot thereof, and a bag-holder consisting of the flexible flaring arms having the rear point or loop, and a supporting-bar hinge-connected with said arms between the rear loop and their free ends, said bar be-

ing provided with open hooks for detachable connection with the bag-holder frame, all substantially as set forth.

3. The combination of the truck, the floor thereof forming a support for the foot of the bag, the bag-holder frame having the flexible side bars detachably and pivotally connected with the sides of the truck, the upper square bar and the side lugs, the notched brace-arms hinge-connected with the truck, and a bag-holder provided with square open hooks for detachable connection with said upper square bar, substantially as set forth.

In testimony of the foregoing I have hereunto subscribed my name in presence of two witnesses.

EBENEZAR J. EARL.

Witnesses:

ORRIN N. LUMBERT,
CHAS. V. CHASE.