

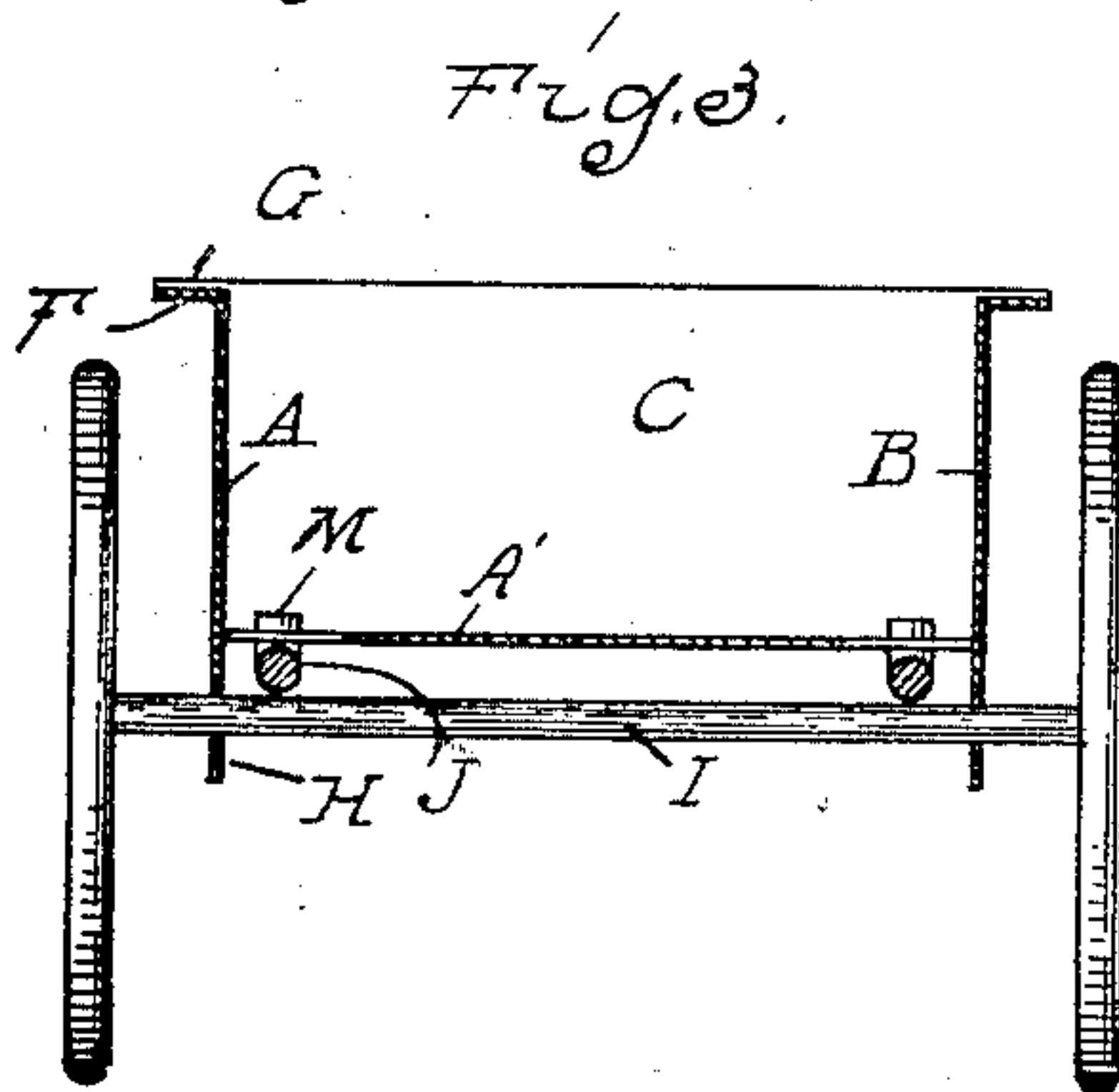
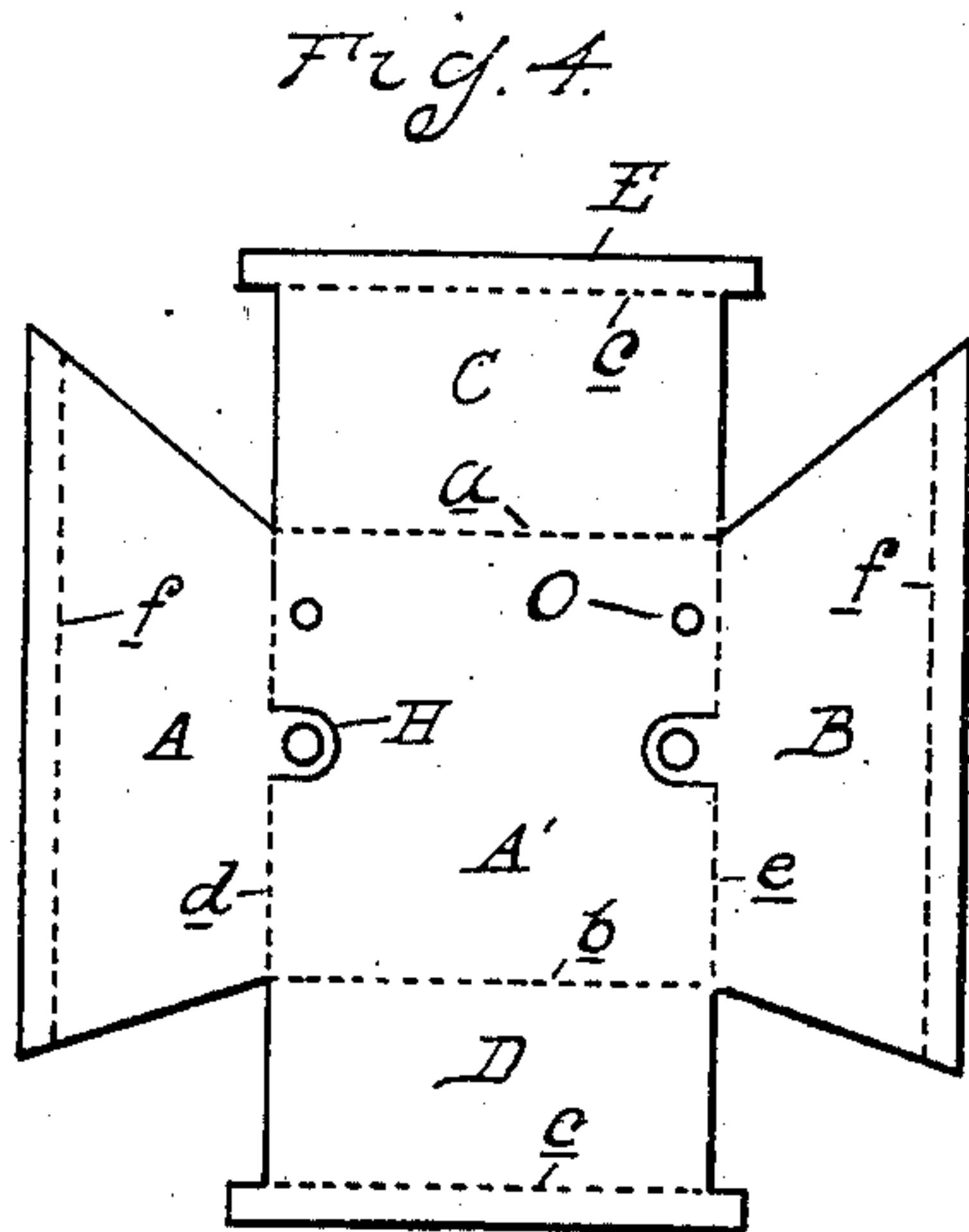
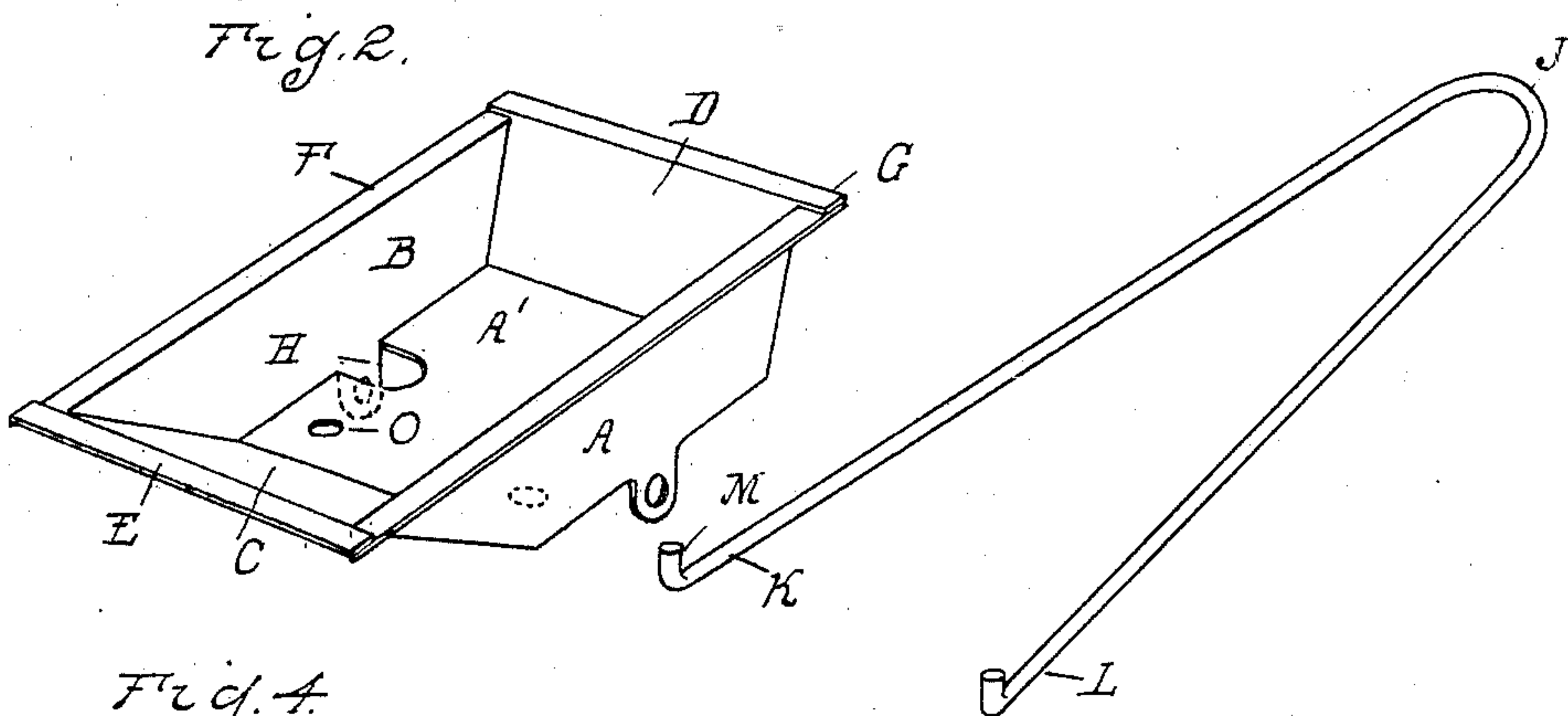
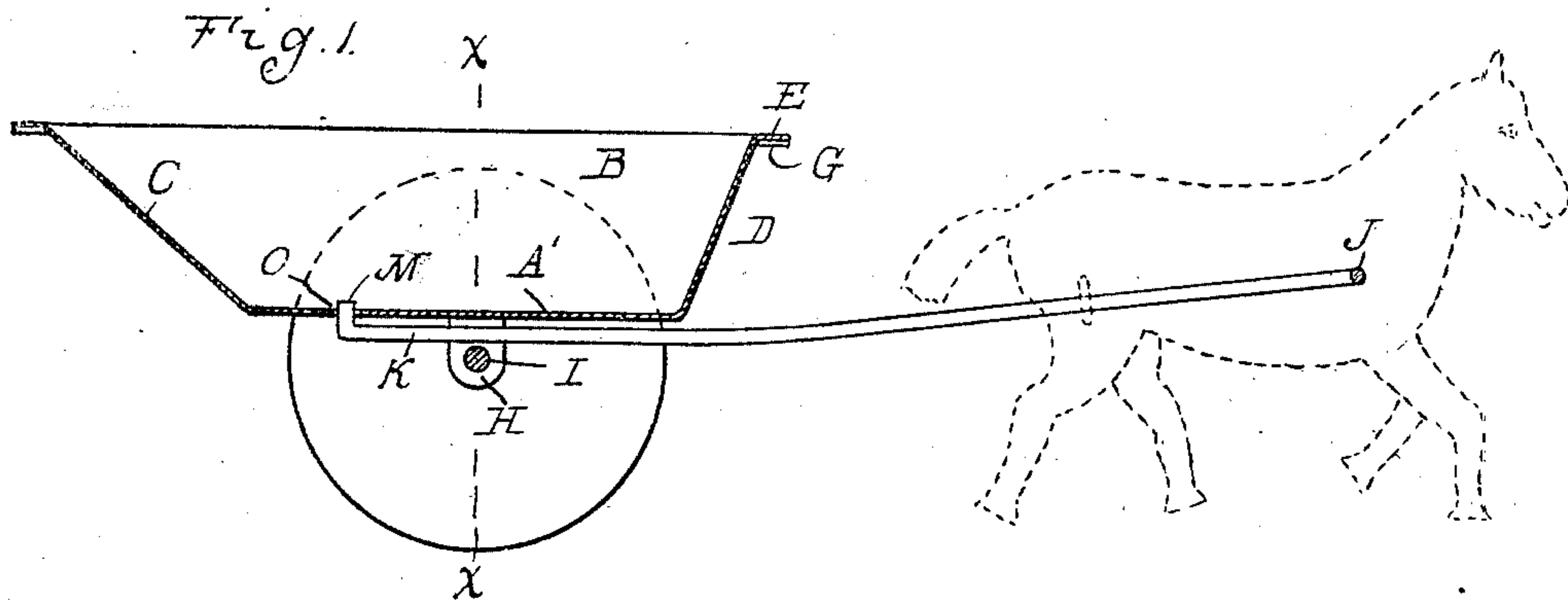
No. 706,934

Patented Aug. 12, 1902.

F. H. HARRIS.  
TOY CART.

(Application filed Mar. 15, 1901. Renewed June 12, 1902.)

(No Model.)



Witnesses  
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# UNITED STATES PATENT OFFICE.

FRANK H. HARRIS, OF TOLEDO, OHIO.

## TOY CART.

SPECIFICATION forming part of Letters Patent No. 706,934, dated August 12, 1902.

Application filed March 15, 1901. Renewed June 12, 1902. Serial No. 111,312. (No model.)

*To all whom it may concern:*

Be it known that I, FRANK H. HARRIS, a citizen of the United States, residing at Toledo, in the county of Lucas and State of Ohio, have invented certain new and useful Improvements in Toy Carts, of which the following is a specification, reference being had therein to the accompanying drawings.

The invention has reference generally to toy vehicles; and it consists, essentially, in the construction of a cart, in the peculiar formation of the cart-body, and in the manner of securing the draft-bar to the vehicle, as hereinafter set forth.

In the drawings, Figure 1 is a vertical longitudinal section through a cart embodying my invention. Fig. 2 is a perspective view thereof, the draft-bar being detached. Fig. 3 is a cross-section taken on line *xx*, Fig. 1; and Fig. 4 is a plan view of the blank from which the vehicle-body is formed.

In construction the blank forming the body comprises a bottom section *A'*, side members *A* and *B*, triangular in form, and end members *C* and *D*, rectangular in configuration and having their extreme outer ends *E* of greater width than that of the rectangular portion, as plainly shown in Fig. 4. In forming the body the end members *C* and *D* are bent upwardly along the dotted lines *a* and *b*, so as to extend at an obtuse angle from the bottom section *A'*. The end portions *E* are then bent over along the dotted lines *c*, forming laterally-extending flanges for the ends, as shown in Fig. 2. The side members *A* and *B* are then bent upwardly at right angles to the bottom section along the dotted lines *d* and *e*, and their edges are turned over along the dotted lines *f*, forming laterally-extending flanges *F*, which engage at their ends beneath the portions or extensions *G* upon the flanges of the ends, as shown in Fig. 2. The vehicle-body thus formed is composed of a single sheet of metal, and the end sections of the body are locked in their proper position through the agency of the extensions *G*, resting upon the lateral flanges of the sides. The side members being at right angles to the bottom section are not easily bent out of their position, and thus a sufficiently rigid structure is produced.

Drop-bearings are provided for the wheeled

axle of the cart, comprising apertured ears *H*, struck out from the bottom section *A'*, in proximity to the opposite edges thereof, as indicated in Fig. 2. Within these bearings is journaled an axle *I*, a space being provided between the latter and the bottom section, as indicated in Fig. 3.

*J* designates a draft-bar for the cart, which in this particular case is preferably U-shaped in configuration, having its spaced end members *K* and *L* each provided with a vertical projecting portion *M*. The draft-bar extends from the rear of the body forwardly beyond the front end thereof, as shown in Fig. 1, and extends between the axle and the body, as indicated. The draft-bar is secured to the bottom section by means of the vertical projections *M*, which project upwardly through apertures *O*, formed in the rear portion of the bottom section for this purpose, the arrangement of the parts being illustrated in the figure last referred to.

From the description as thus set forth it will be observed that a very simple connection is employed between the draft-bar and the vehicle-body and that the said bar is held rigidly in its proper position relative to the cart by the axle.

What I claim as my invention is—

1. A toy vehicle, comprising a body, an axle therefor beneath the body, a draft member interposed between the body and axle and extending to the rear of the latter, said draft member being immediately adjacent to the body and fulcrumed upon the axle to support the forward and rear portions of said body, and vertical connections between the rear end of the draft member and the vehicle-body.

2. A toy vehicle, comprising a body, axle-bearings projecting below the body, an axle mounted in said bearings, a U-shaped draft-bar having its ends arranged beneath the rear portion of the body and extending forwardly intermediate the latter and the axle, and vertical projections on the bar ends extending within apertures formed in the body.

3. A body for toy vehicles, comprising a bottom section, upwardly-extending end members therefor, flanges projecting laterally from the upper edges of said members and extending beyond the opposite ends thereof,



and vertical side sections having lateral flanges at their free edges extending beneath and bearing against the flange extensions upon the ends.

- 5 4. In a toy vehicle, the combination with a bottom section, upwardly-extending sides and ends therefor and integral therewith, and drop-bearings for the axle comprising oppositely arranged and apertured ears struck out

from the bottom section in proximity to the sides of the latter and an axle-journal within the bearings.

In testimony whereof I affix my signature in presence of two witnesses.

FRANK H. HARRIS.

Witnesses:

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