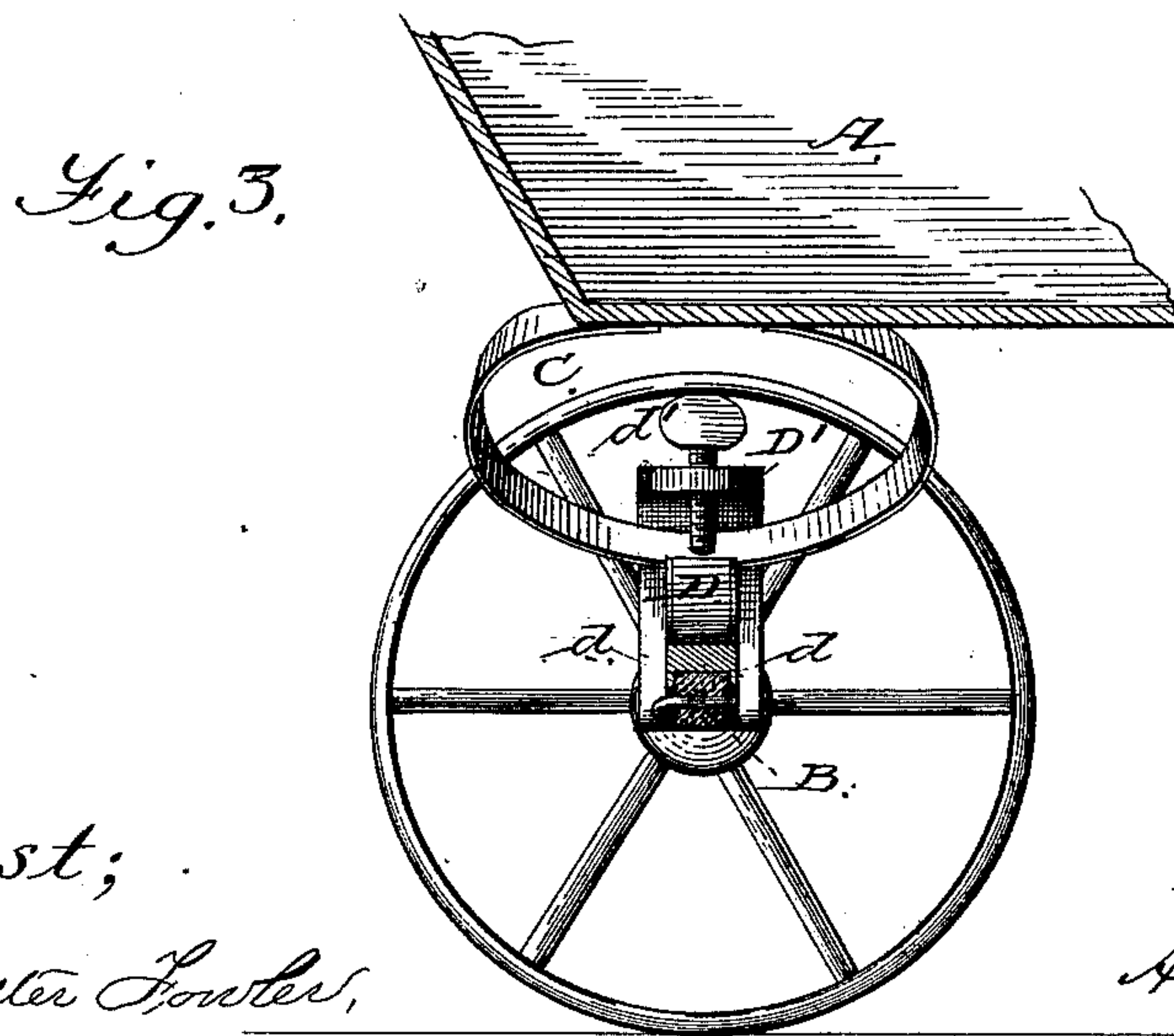
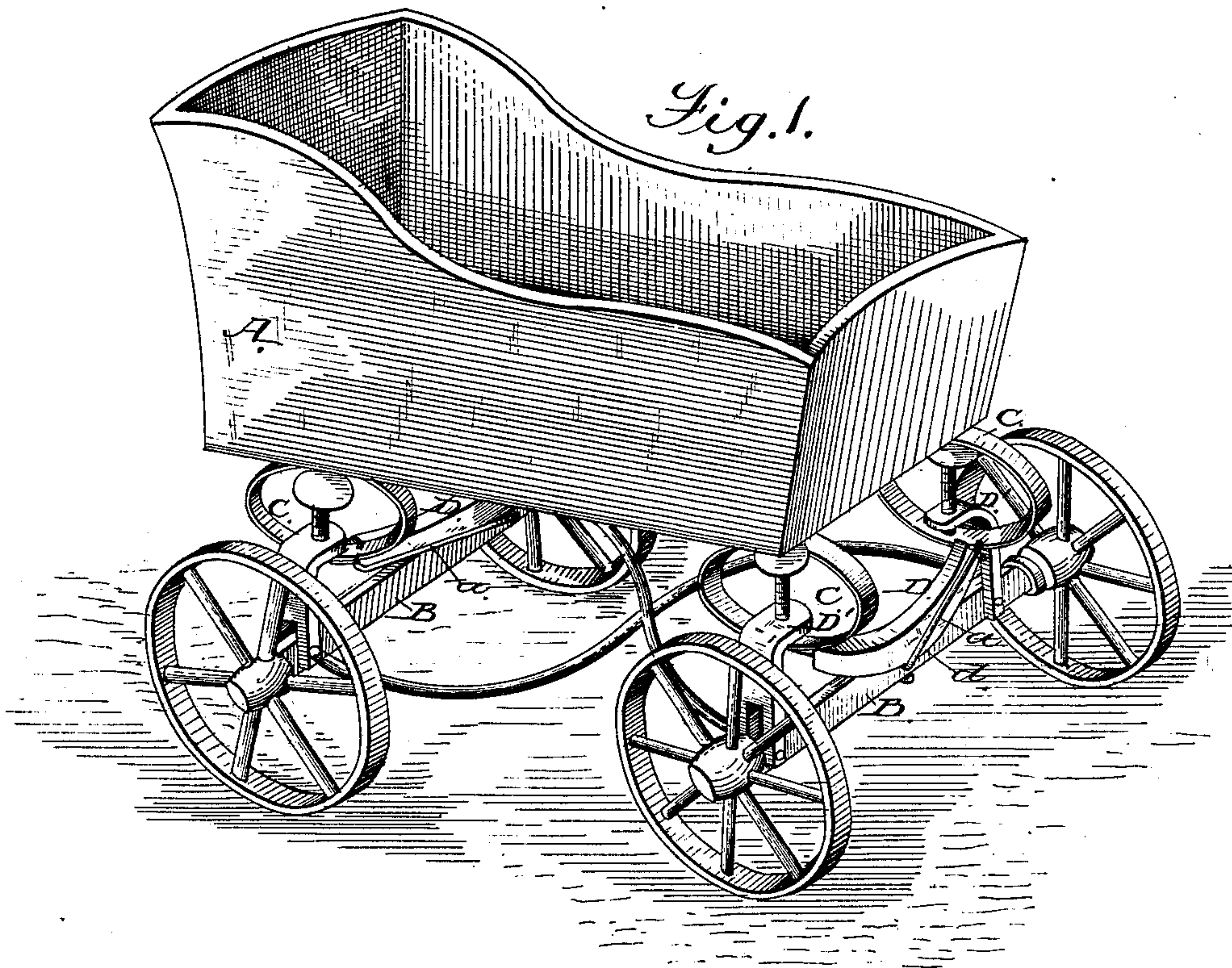


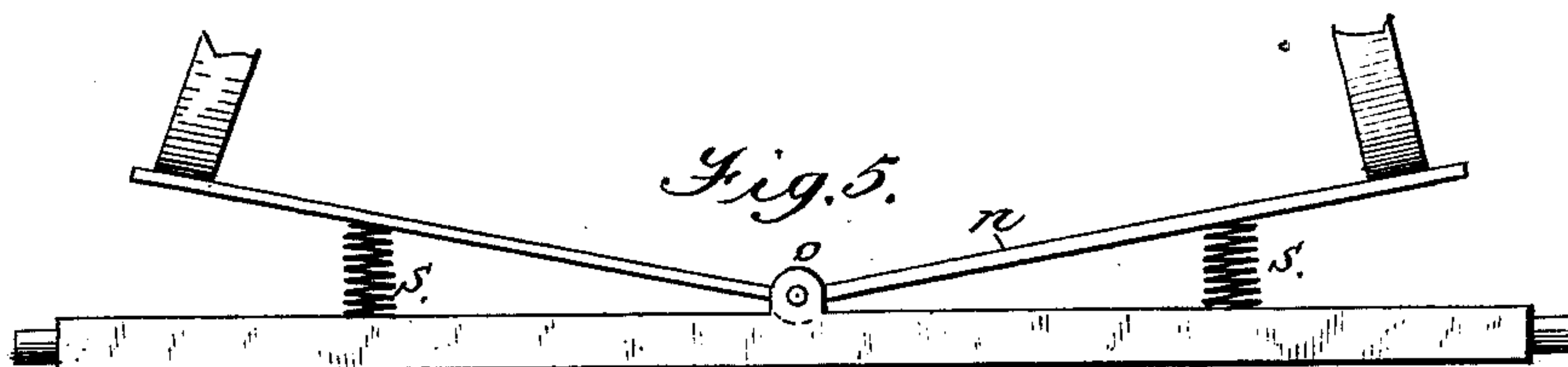
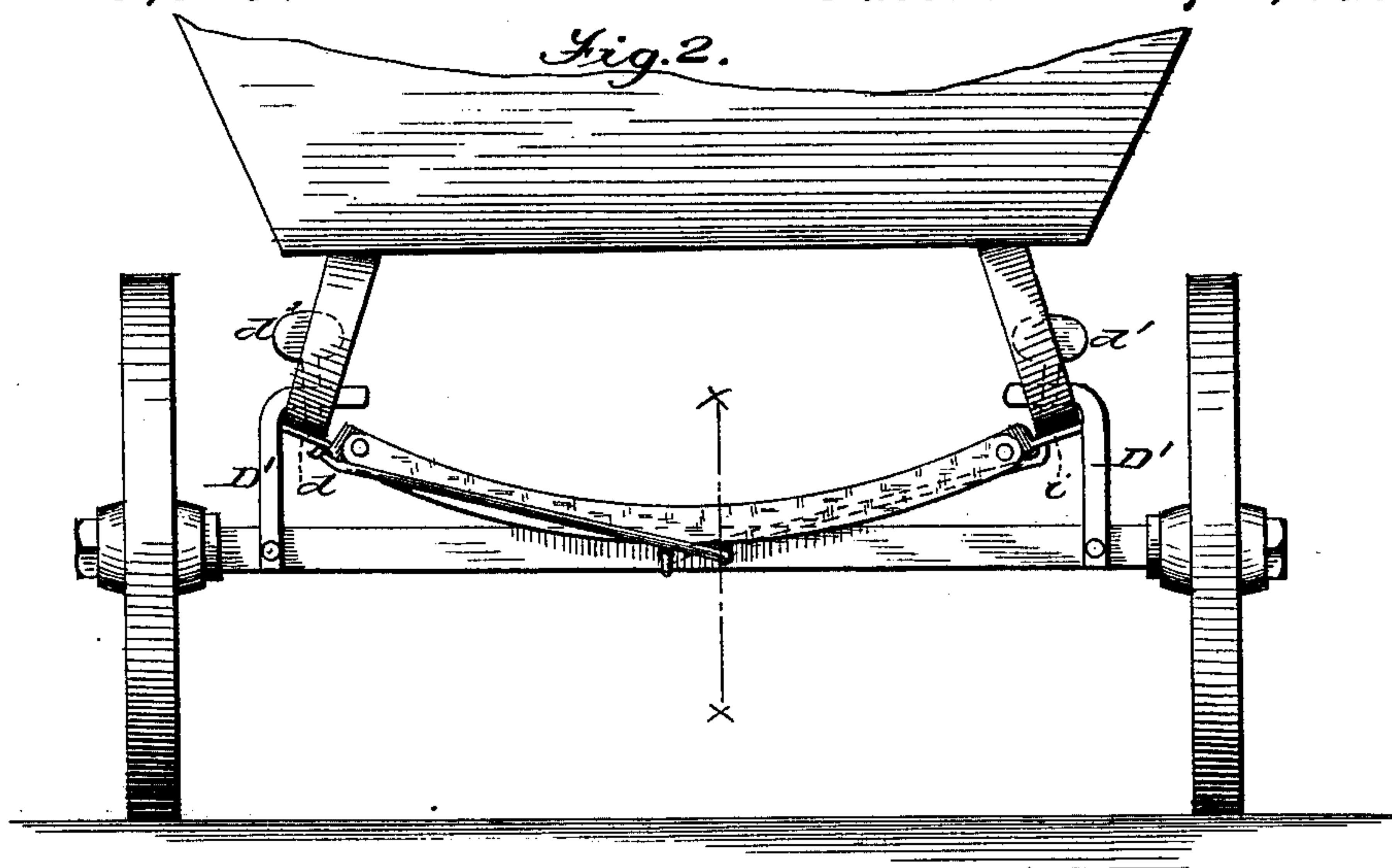
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Combined Baby Carriage and Cradle.  
No. 229,623.  
Patented July 6, 1880.



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# UNITED STATES PATENT OFFICE.

AUSTIN J. MARSH, OF LA CROSSE, WISCONSIN.

## COMBINED BABY-CARRIAGE AND CRADLE.

SPECIFICATION forming part of Letters Patent No. 229,623, dated July 6, 1880.

Application filed January 28, 1880.

*To all whom it may concern:*

Be it known that I, AUSTIN J. MARSH, of La Crosse, in the county of La Crosse and State of Wisconsin, have invented a Combined Baby-Carriage and Cradle; and I hereby declare the following to be a full and exact description of the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a perspective view of my combined carriage and cradle. Fig. 2 is an end view. Figs. 3 and 4 are detail views, to be referred to; and Fig. 5 shows a modification of my invention.

It is highly desirable, both in an economy of money and space, to have in a household an article which will perform the twofold duty of cradle and perambulator or baby-carriage, and to this end is my invention.

My invention consists of a baby-carriage having a pair of rockers interposed between the axles and body, and provided with proper clamps to hold the rockers rigidly to the axle or allow them to work backward and forward.

My invention further consists in certain details of construction, as hereinafter more fully described and claimed.

In order that those skilled in the art may make and use my invention, I will proceed to describe the manner in which I have carried it out.

In the said drawings, A is the body of a baby-carriage; B B, the axles, and C C the springs.

The reach connecting the axles is made in any desired manner. Heretofore the springs have been attached to the running-gear; but to accomplish my object I attach them to a pair of rockers, D D, which are interposed between the springs and the axles. These rockers I construct of a piece of bar-iron curved and provided with flanges *d d*, which fit over the sides of the axles, the bottom of the rocker resting on the upper surface of the axle. The flanges prevent any lateral movement of the rocker, and thereby prevent it from slipping from its bearing on the axle.

In order that the rockers may freely rock but yet not be removable from the axles, I attach them thereto by means of two small rods, *a a'*, one end of each of said rods being attached in any desired manner to each end

of the rocker, the other ends of said rods passing to a point a little past the center of the axle, where they are bent at right angles and pass through said axle, so as to have a free vibratory movement.

Rod *a* is on one side of the axle and rocker and rod *a'* is on the opposite side. These rods pass through the same arc as that traversed by the rocker, and as the radius cannot be increased the rocker freely but safely moves back and forth.

The springs upon which the body rests have their ends attached to the ends of the rockers, as seen at *i i*.

To convert the rocking cradle into a carriage proper, I provide clamps D' D', swinging on the axle and provided with set-screws *d' d'*, which are moved toward the ends of the axles and the overlying springs until their rectangular ends pass over the springs and the set-screws fix the body and rockers rigidly.

In Fig. 5 I have shown a modification of my device, wherein the rocker is represented by an angularly-bent bar, *n*, provided with an eye at the angle, which fits between two lugs, *o o*, on the upper side of the axle, and provided with spiral springs *s s*, arranged equidistant on each side of the center between the axle and bar *n*. Substantially the same kind of clamps are used as heretofore described.

It is evident many constructions of clamps may be adapted to the purpose set forth without departing from the spirit of my invention.

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

1. The body A and axle B, in combination with an intervening rocker, D, for the purpose set forth.

2. The axle B and rocker D, in combination with the rods *a a'*, substantially as described.

3. The rocker D and axle B, in combination with clamps D' D', as and for the purpose described.

4. In a convertible baby-carriage and cradle, the rocker D, provided with flanges *d d*, in combination with the axle B, as described.

AUSTIN J. MARSH.

Witnesses:

H. M. SAFFORD,  
F. DRAKE.