

No. 615,892.

Patented Dec. 13, 1898.

L. PAYETTE.  
COMBINED BABY CARRIAGE AND CRADLE.

(Application filed Apr. 14, 1898.)

(No Model.)

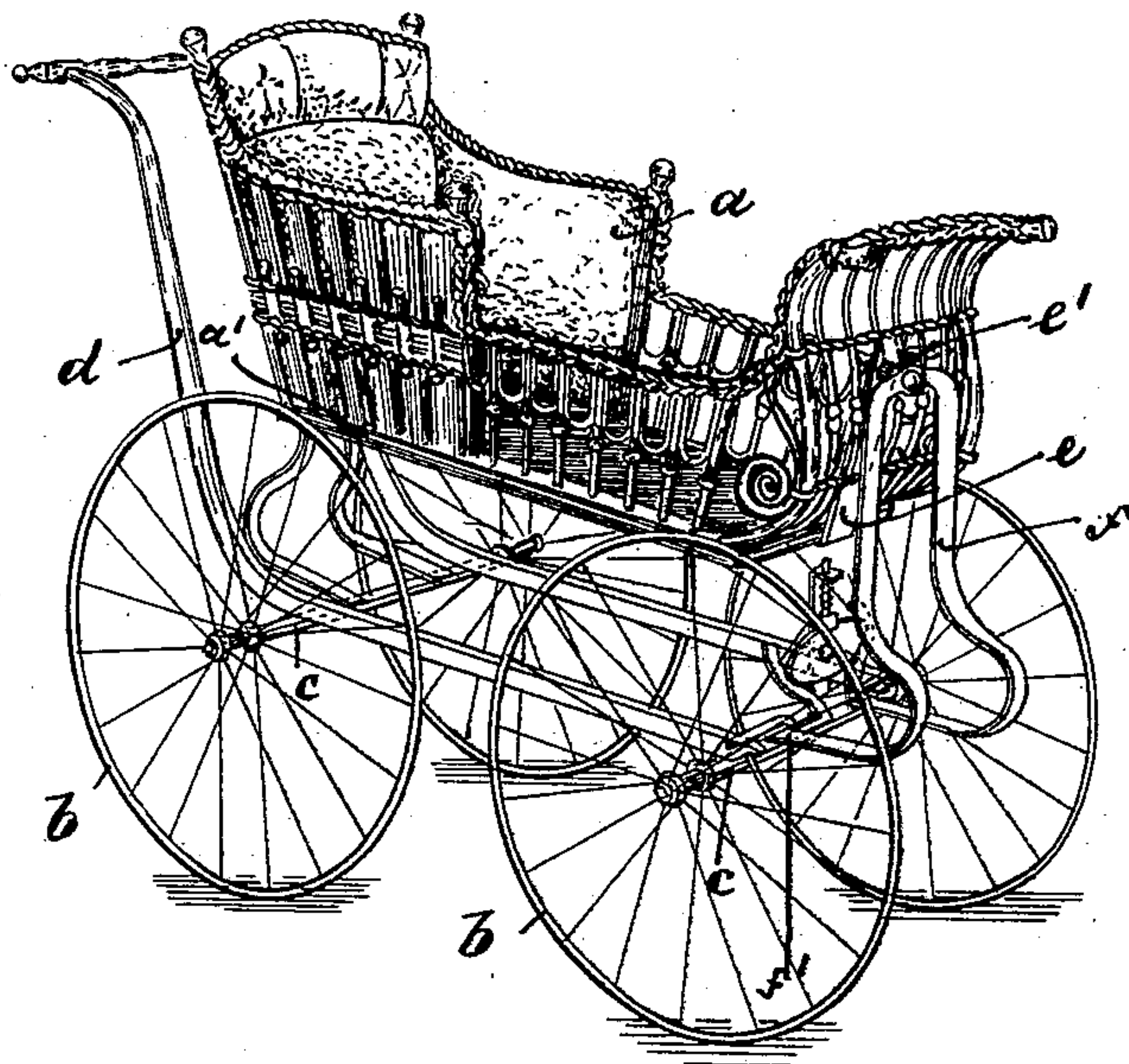


Fig. 1.

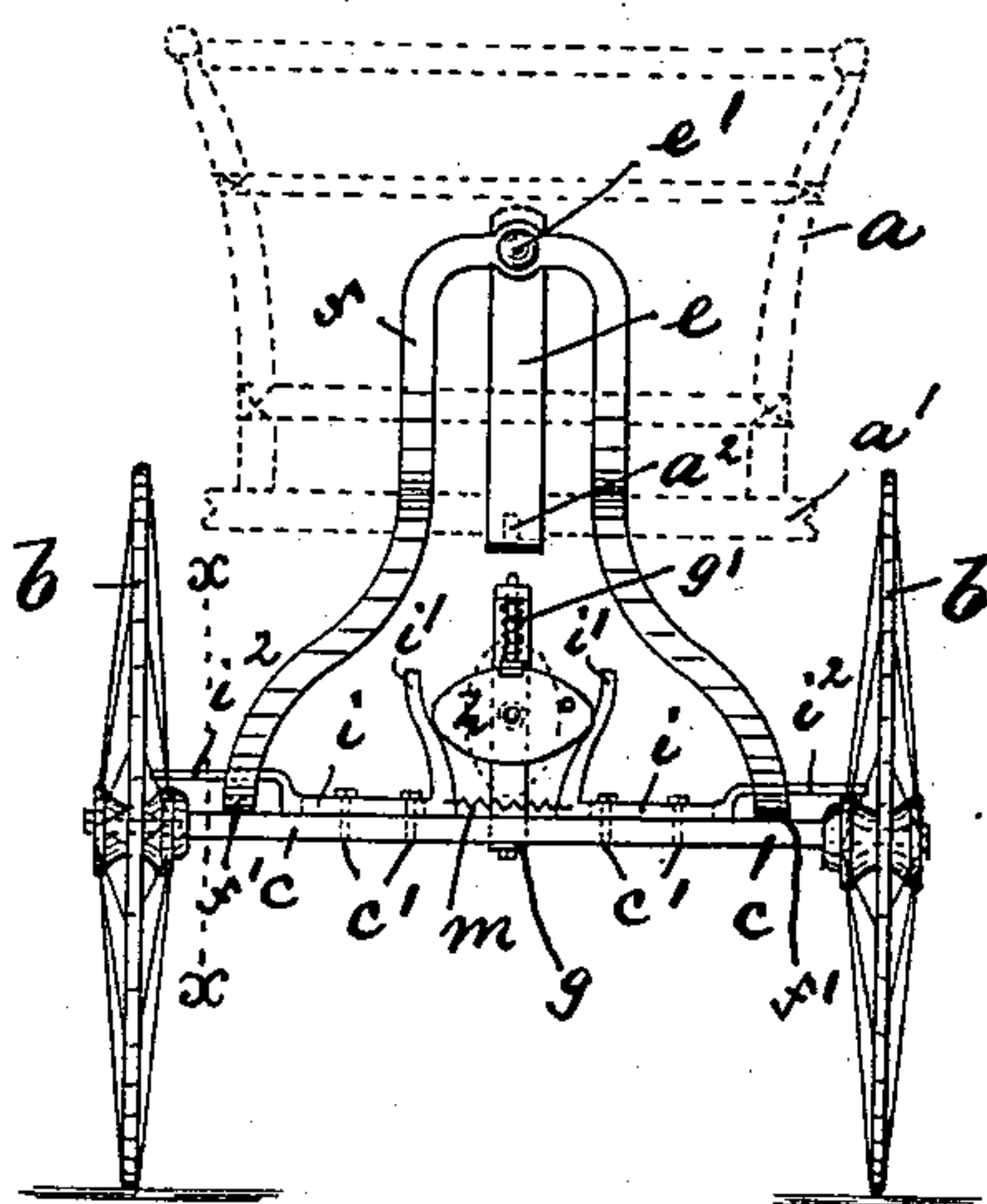


Fig. 2.

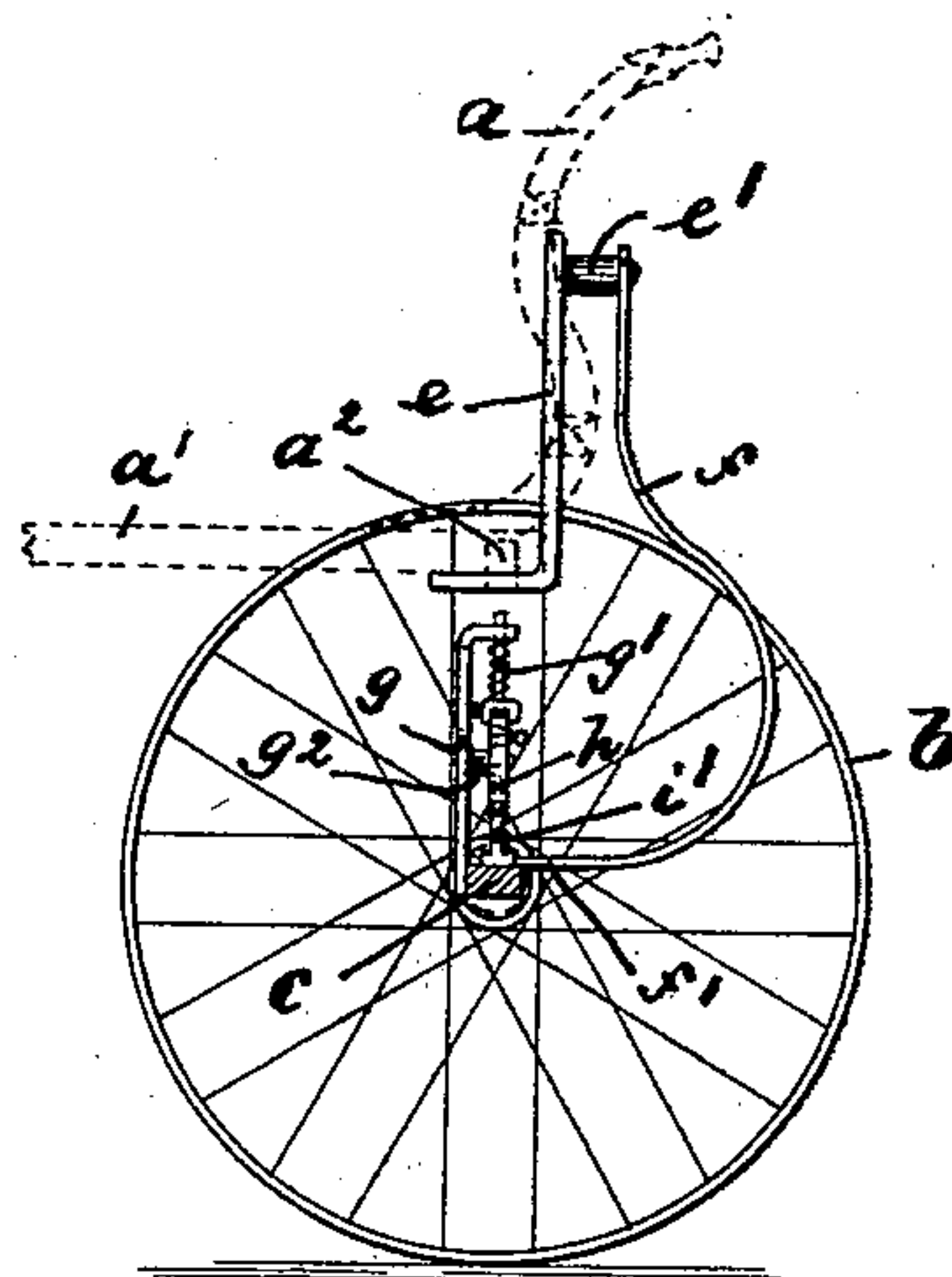


Fig. 3.

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# UNITED STATES PATENT OFFICE.

LOUIS PAYETTE, OF PATERSON, NEW JERSEY.

## COMBINED BABY-CARRIAGE AND CRADLE.

SPECIFICATION forming part of Letters Patent No. 615,892, dated December 13, 1898.

Application filed April 14, 1898. Serial No. 677,540. (No model.)

*To all whom it may concern:*

Be it known that I, LOUIS PAYETTE, a citizen of the United States, residing in Paterson, county of Passaic, and State of New Jersey, have invented certain new and useful Improvements in a Combined Baby-Carriage and Cradle; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

My invention relates to new and useful improvements in baby-carriages; and its object is to embody in said carriages means whereby a combined spring and rocking or cradle motion is imparted to the body of the carriage while the wheels and running-gear of the latter are locked and accordingly remain stationary.

My invention consists in the improved combined baby-carriage and cradle, in the means for simultaneously locking the wheels and unlocking the body of the carriage, and vice versa, and in the combination and arrangement of the various parts, substantially as will be hereinafter more fully described, and finally embodied in the clauses of the claim.

Referring to the accompanying drawings, in which like letters of reference indicate corresponding parts in each of the several views, Figure 1 is a perspective view of my improved combined baby-carriage and cradle; Fig. 2, a front elevation of the same, the body being shown in dotted lines; and Fig. 3 a sectional view on the line *xx* of Fig. 2, a certain locking-bolt being removed.

In said drawings, *a* represents the body of my improved carriage, and *b b* the wheels, mounted upon the front and rear axles *c c*, which latter are braced and connected together by the horizontal forwardly-extending portions of the handle or shaft *d*, all of said parts of the usual and well-known construction.

Secured to and projecting upwardly from about the central portion of the ends of the bottom or floor *a'* of the body *a* are brackets *e e*, each provided at or near its top portion

with a stud or pin *e'*, adapted to engage a socket in the upper portion of an inverted substantially U-shaped spring *f*, to thus form bearings or a fulcrum for the body *a*. The sides of said inverted-U-shaped springs diverge somewhat toward their extremities and are curved first outwardly and then inwardly, as clearly illustrated in the drawings, their free ends *f' f'* being ultimately secured to their respective axles *c c* in any desired manner.

To one or both axles—in the drawings to the front one—is secured, at or near its central portion, an upwardly-projecting bracket *g*, furnishing at its upper portion a guide for a spring-controlled locking-bolt *g'*, adapted to engage with its upper end a hole or socket *a<sup>2</sup>*, provided for in the inwardly-bent portion of the bracket *e* and also in the floor or bottom of the body of the carriage, while its lower end is in continuous contact with the periphery of an elliptical cam or disk *h*, revolvably mounted on a stud or pin *g<sup>2</sup>*, projecting horizontally from the bracket *g*.

Slidingly arranged upon the axle *c* by screws or pins *c' c'* are the slotted arms or bolts *i i*, having their upwardly-extending bent portions *i' i'* in continuous engagement with the periphery of the elliptical cam *h* and are held in said continuous engagement by means of the spiral spring *m*. The outwardly-extending portions *i<sup>2</sup> i<sup>2</sup>* of said arms or bolts *i i* are adapted to engage between adjacent spokes of their respective wheels *b b* when the latter are to be locked to unlock the body of the carriage and render the same capable of being used as a cradle. For the last-mentioned purpose the elliptical disk or cam *h* is turned into the position illustrated in full lines in Fig. 2 of the drawings, whereby the bolts or arms *i i* are moved outward (against the action of the spiral spring *m*) into engagement with their respective wheels *b*, while the locking-bolt *g*, acted upon by its surrounding spiral spring, is withdrawn from the hole or socket *a<sup>2</sup>*, as will be manifest. The body *a* is now free to be swung on its fulcrums and can thus be used as a cradle. If it is desired to again lock said body, the elliptical cam *h* is turned into the position shown in dotted lines in Fig. 2, thereby forcing the bolt *g* into the hole or socket *a<sup>2</sup>* and simultaneously, by the



action of the spiral spring *m*, withdrawing the projecting portions *i*<sup>2</sup> *i*<sup>2</sup> of the arms or bolts *i* *i* from their respective wheels.

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

1. In a baby-carriage, the combination with the axles of the wheels and with the body, of an inverted substantially U-shaped spring upwardly projecting from each axle, a bracket at each end of the body and pivotally connected with its respective spring, and means for locking the body while the wheels are being unlocked, substantially as and for the purposes described.

2. In a baby-carriage, the combination with the axles of the wheels and with the body, of an inverted substantially U-shaped spring upwardly projecting from each axle, a bracket at each end of the body and pivotally connected with its respective spring, an elliptical cam carried by the axle, and bolts or arms slidingly arranged on said axle and operated through said cam, substantially as and for the purposes described.

3. In a baby-carriage, the combination with the axles of the wheels and with the body, of an inverted substantially U-shaped spring upwardly projecting from each axle, a bracket at each end of the body and pivotally connected with its respective spring, an arm or bolt slidingly arranged on one of the axles, a spiral spring controlling said arm or bolt, and an elliptical cam carried by the axle for operating said spring-controlled bolt or arm, substantially as and for the purposes described.

4. In a baby-carriage, the combination with the axles of the wheels and with the body, the

latter provided in its floor or bottom with a hole or socket, of an inverted substantially U-shaped spring secured to and upwardly projecting from each axle, a bracket on each end of the body and pivotally connected with its respective inverted-U-shaped spring, a bracket carried by one of said axles, a spring-controlled locking-bolt slidingly arranged in said bracket and adapted to engage the hole or socket in the bottom of the body, and a cam revolubly mounted on the last-mentioned bracket for operating said locking-bolt, substantially as and for the purposes described.

5. In a baby-carriage, the combination with the axles of the wheels and with the body, the latter provided in its floor or bottom with a hole or socket, of an inverted substantially U-shaped spring secured to and upwardly projecting from each axle, a bracket on each end of the body and pivotally connected with its respective inverted-U-shaped spring, a bracket carried by one of said axles, a spring-controlled locking-bolt slidingly arranged in said bracket and adapted to engage the hole or socket in the bottom of the body, a cam revolubly mounted on the last-mentioned bracket for operating said locking-bolt, and one or more spring-controlled arms slidingly arranged on the axle and adapted to be operated by said cam, substantially as and for the purposes described.

In testimony that I claim the foregoing I have hereunto set my hand this 4th day of April, 1898.

LOUIS PAYETTE.

Witnesses:

LOUISE SNYDER,  
ALFRED GARTNER.