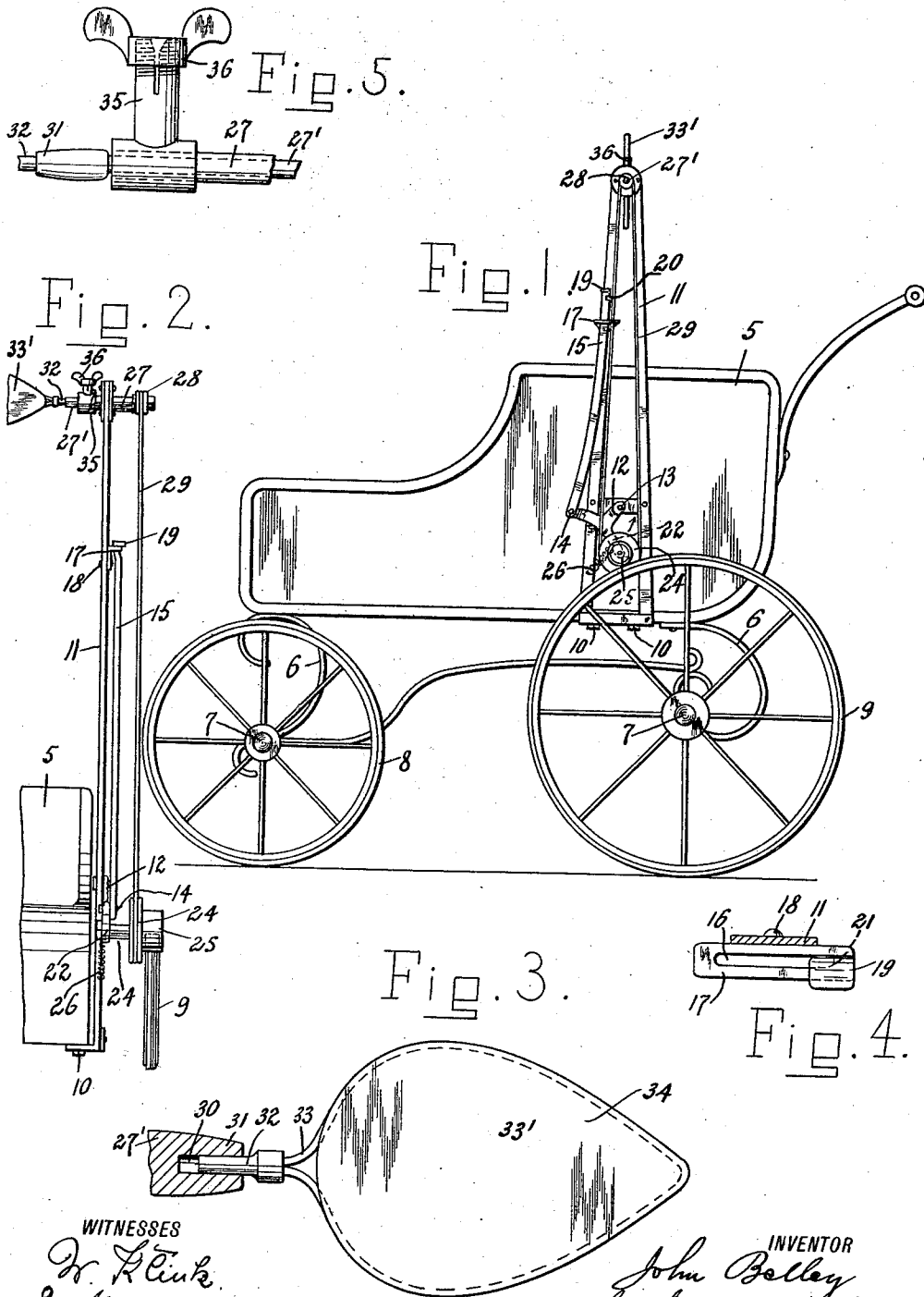


J. BELLEY.
FAN FOR BABY CARRIAGES.
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1,027,801.

Patented May 28, 1912.



WITNESSES
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UNITED STATES PATENT OFFICE.

JOHN BELLEY, OF PASSAIC, NEW JERSEY, ASSIGNOR OF ONE-HALF TO JOHN GERÖ, OF PASSAIC, NEW JERSEY.

FAN FOR BABY-CARRIAGES.

1,027,801.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOHN BELLEY, a citizen of the United States, and resident of Passaic, in the county of Passaic and State of New Jersey, have invented certain new and useful Improvements in Fans for Baby-Carriages, of which the following is a specification.

The present invention relates to fans adapted to be attached to baby carriages, and to the means for operating the same.

One of the objects of the invention is to provide a device of this character which is actuated by the movement of the wheels of the carriage.

Another object of the invention is to produce a simple device of this type which is efficient in operation; and which can be easily attached to a carriage of any suitable construction.

A further object of the invention is to provide a fan attachment for baby carriages which is capable of manufacture on a commercial scale, or in other words which is not so difficult to produce as to be beyond the reasonable cost of such an article.

With these and other objects in view, which will more fully appear as the nature of the invention is better understood, the same consists in the combination, arrangement and construction of parts hereinafter fully described, pointed out in the appended claim and illustrated in the accompanying drawings, it being understood that many changes may be made in the size and proportion of the several parts and minor details of construction without departing from the spirit or sacrificing any of the advantages of the invention.

One of the many possible embodiments of the invention is illustrated in the accompanying drawings, in which:—

Figure 1 is a side elevation of the invention, in position upon a baby carriage; Fig. 2 is a front elevation of the same; Fig. 3 is a front elevation of the fan blade; Fig. 4 is a plan view of a detail of construction; and Fig. 5 is a front elevation of another detail.

In the drawings, the numeral 5 indicates the body of a baby carriage, which is carried by springs 6, 6, supported by the axles 7, 7, upon which the front wheels 8 and the rear wheels 9 are rotatably mounted.

To the underside of the carriage body is

fastened, preferably by means of screws 10, 10, a substantially vertical standard 11. This standard extends at the side of the carriage body upward a substantial distance above the carriage body, and may be made of any suitable metal, either of a plurality of strips fastened together, for instance by means of rivets, or it may be cast in one integral piece. An arm 12 is fulcrumed at 13 to the standard 11, its other end being pivoted at 14 to the lower end of a bar 15, the upper end of which projects through a slot 16 in a bracket 17, which latter is attached at 18 to a standard 11. The upper end of the bar 15 is provided with a stop 19, and below said stop with a recess 20, which latter is adapted to be engaged by the edge 21 of the slot 16. The purpose of this arrangement will be fully described hereinafter. The arm 12 is provided with a downwardly extending lug 22, to which is fastened a spindle 23, upon which is rotatably mounted a pulley 24. To this pulley is secured a, preferably, rubber covered roller 25, adapted to contact with the felly of one of the rear wheels 9. A spring 26, which is fastened to the lug 22 and to the standard 11, forces the said rubber covered roller in close contact with the felly of the wheel so that, as the latter is rotated, the pulley 25 will, by friction, be turned in the proper direction.

Upon the free end of the standard 11 is arranged a tubular member 27, in which is rotatably mounted a spindle 27', to which is attached a pulley 28. Over this pulley and the pulley 24 runs a belt or rope 29. The spindle 27' extends toward the longitudinal axis of the carriage body, and is provided with a recess 30 in its inner end. In this recess is seated a stem 32, to which the frame 33 of a fan blade 33' is secured. The frame 33 is covered with a suitable fabric 34. If the fan is not in use, the blade 33' may be removed from the recess 30 in the spindle 27', and placed into a split socket 35, which extends substantially at right angles to the axis of the tubular member 27, so that the fan blade will be held in a vertical position, when not in use. The blade is kept in the socket 35 by a nut 36, which meshes with the threads upon the socket 35.

The operation of this device is as follows:

When the parts are in the positions shown

in Figs. 1 and 2 of the drawings, that is to say when the spring 26 forces the rubber covered roller 25 into frictional contact with the felly of one of the wheels 9, the pulley 24 will be rotated by moving the carriage. The rotation of the pulley 24 is transmitted by the belt or rope 29 to the spindle 27', and thus to the fan blade, which latter is arranged in proximity to the head of the occupant of the carriage, so that the occupant will be fanned while the carriage is kept moving. If it is intended to stop the operation of the fan while the carriage is being moved, the bar 15 is pushed downward until its recess 20 is engaged by the edge 21 of the slot 16, whereby the roller 25 will be lifted, and thus disengaged from the felly of the wheel.

What I claim is:

The combination with the body and wheels of a baby carriage, of a substantially vertical standard fastened to said body extending a substantial distance above the upper edge thereof, a slotted bracket attached to said standard, an arm fulcrumed

to said standard, a downwardly extending lug upon said arm, a roller mounted upon said lug and adapted to contact with the felly of one of said wheels, a pulley fastened to said roller, a bar pivoted to said arm projecting through said slot and provided with a recess adapted to be engaged by the edge of said slot, a spindle rotatably mounted in the upper free end of said standard, a pulley secured to said spindle, a belt running over said two pulleys, a fan blade attached to said spindle, and a spring fastened to said lug and to said standard for forcing said roller into contact with the felly of said wheel when the recess of said bar is disengaged from the edge of said slot, substantially as and for the purpose specified.

Signed at New York, in the county of New York and State of New York this 11th day of July, A. D. 1911.

JOHN BELLEY.

Witnesses:

SIGMUND HERZOG,
S. BIRNBAUM.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."