

(No Model.)

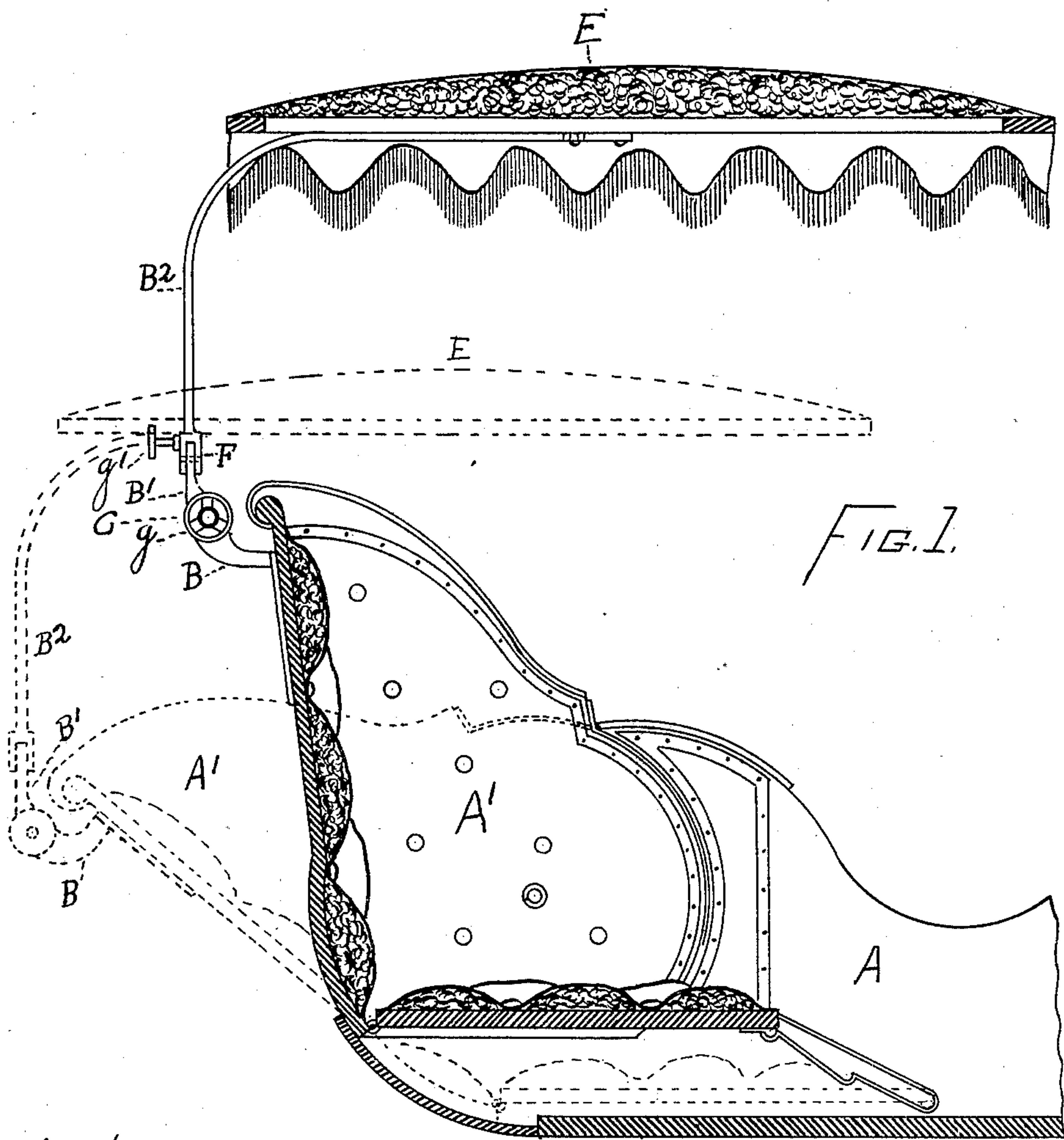
2 Sheets—Sheet 1.

J. F. DOWNING.

CHILD'S CARRIAGE.

No. 286,186.

Patented Oct. 9, 1883.



WITNESSES

INVENTOR

Cyrus F. Dean Jerome F. Downing

D. H. Dean

PER Hullock & Halleck
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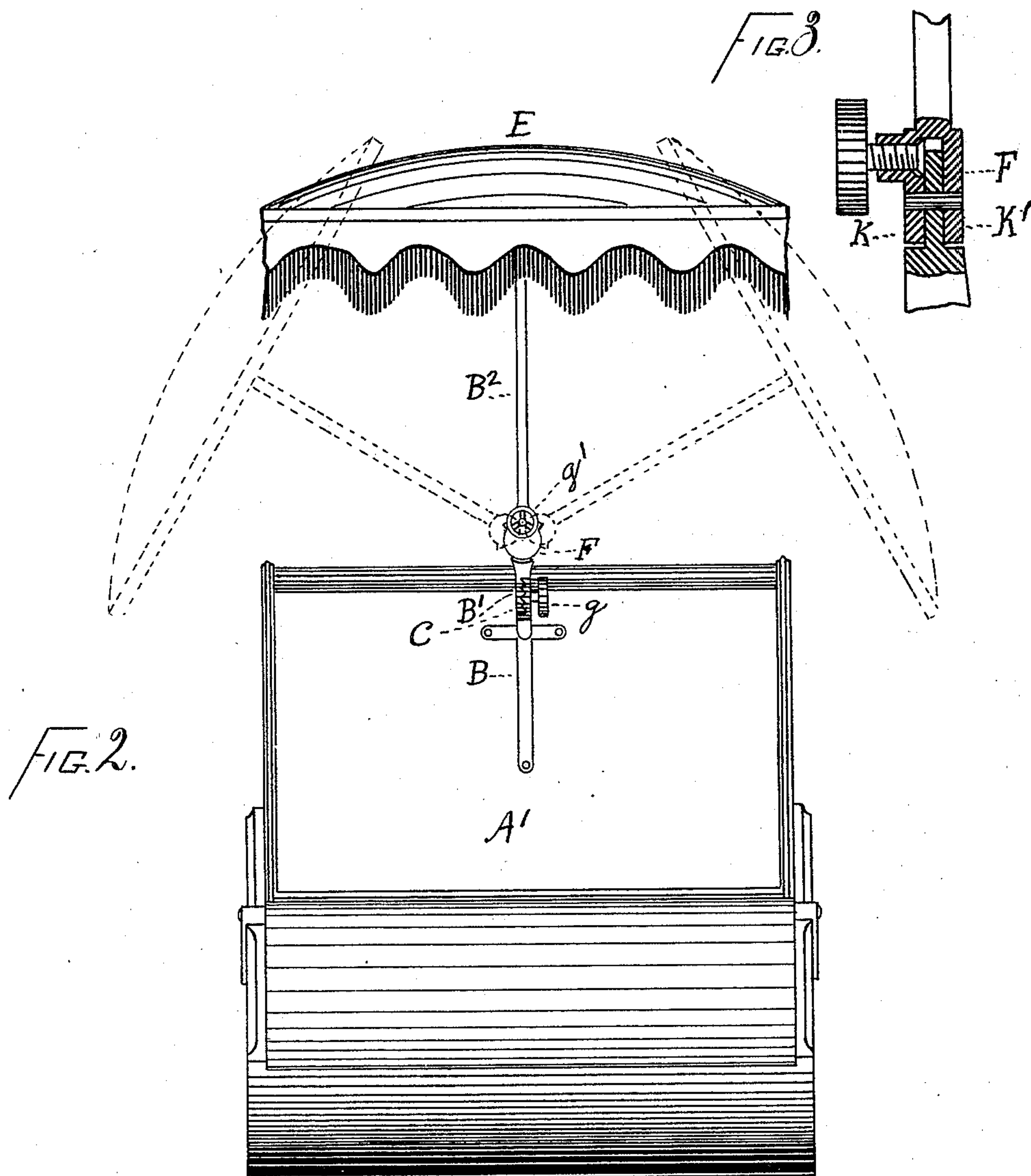
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UNITED STATES PATENT OFFICE.

JEROME F. DOWNING, OF ERIE, PENNSYLVANIA.

CHILD'S CARRIAGE.

SPECIFICATION forming part of Letters Patent No. 286,186, dated October 9, 1883.

Application filed March 7, 1881. (No model.)

To all whom it may concern:

Be it known that I, JEROME F. DOWNING, of Erie, Erie county, Pennsylvania, have invented new and useful Improvements in Children's Carriages; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings and the letters or figures of reference marked thereon.

Figure 1 represents a longitudinal sectional view of the rear portion of my improved child's carriage with adjustable back and seat, being essentially the same as described in my Letters Patent No. 208,380, issued to me September 24, 1878. Attached to the rear part of the back is my improved adjustable canopy-holder, supporting an ordinary canopy. The dotted lines show the position of the parts when the back is down and the seat resting on the bottom of the carriage-body, the canopy being lowered to suit the changed position of the back and seat. Fig. 2 represents a rear view of the back of the carriage-body, showing the manner in which my canopy-holder is secured to said back and the way in which it can be operated to tilt the canopy laterally. Fig. 3 represents a detail view of the joint in the canopy-holder by means of which the tilting laterally is effected.

My invention relates to that class of canopy holders or supports which are secured to and supported by the rear part of the back of the carriage-body, and is especially adapted to carriages with adjustable backs, such as described in my Letters Patent above referred to, though it can be used to advantage in connection with carriages of the ordinary styles having stationary backs.

In my Letters Patent No. 196,973, granted November 13, 1877, is shown, among other things, (see drawings, Fig. 4,) a canopy supported by a canopy-holder consisting of four sections (the stem G, arm G', arm G², and short arm G³) capable of being operated so as to raise or lower the canopy, and to tilt the same forward and backward and also to either side, or laterally. In my specification in the above-noted patent I say: "This last arm G³ is pivoted in such a manner that the canopy can be

readily tilted to enable the attendant to easily get at the child." To tilt the canopy laterally it is only necessary to adjust arm G² to some convenient angle with the long arm G', the tilting then being done by means of the short arm G³. The canopy-holder, which I now wish to describe, and which I deem an improvement on the above mentioned, is divided into only three parts, capable of being operated so as to lower or raise the canopy, and also to tilt the same in any direction or manner desired, effecting, practically, the same results as my other canopy-holder above mentioned, but more simple and convenient in its operation.

Referring to Fig. 1, letter B designates the fixed and main stem or arm of the canopy-holder, fastened to and projecting from the back A'. To this is attached, by pivot-joint C, the short arm B', and to this short arm is attached, by means of the pivot-joint F, the long arm B², which is secured to and supports the canopy E. The upper and projecting end of arm B and the lower end of short arm B' are flattened, (and otherwise suitably fashioned,) and provided on their inner faces with a series of teeth or serrations, which engage with each other when brought together by means of the pivot and set-screw g, holding arm B' firmly in the desired position, the loosening of the set-screw permitting the teeth to disengage and the free movement of arm B' in lowering or raising the canopy. This is similar to my device, as shown in drawings (see Fig. 4) accompanying Letters Patent No. 196,973, before referred to. The next joint, F, (see Fig. 3,) connecting the short arm B' with the long arm B², is differently constructed, the upper end of arm B' being made in the form of a tongue and pivoted between jaws K K' on the lower end of arm B². (See Fig. 3.) A set-screw is used above the pivot, which, when the end is pressed against the upper edge of the tongue, prevents any lateral movement of arm B². It will be seen that the purpose of this second joint is to admit of the lateral movement of arm B² and the consequent tilting of the canopy laterally, as shown by the dotted lines, Fig. 2, while the first or lower joint admits of the raising or lowering of the

canopy, as indicated by Fig. 1. The said second joint, placed in the position and operating as described, is a substitute, practically, for the second and third joints for my patented device above alluded to.

The utility of a canopy-holder which will permit of the ready adjustment of the canopy or parasol to shield the child from the sun, rain, or wind must be manifest to all who have occasion to use children's carriages.

I am aware that canopy-supporting rods have been made with two or more joints, so that the former may be tilted in various directions, but am not aware that such a device has been so applied to a baby carriage in the manner described by me; and therefore

What I claim as new is—

1. In a baby-carriage, the combination, with the back thereof, of a canopy-support consisting of an outwardly-projecting arm, B, short arm B', and the long arm B², and a canopy, E, attached to the long arm B², substantially as described.

2. The adjustable back A' of the carriage-body A, having attached thereto the fixed and main stem of the canopy-holder B, in combination with the adjustable arms of the canopy-holder B' and B², by means of which the canopy E may be lowered or raised or tilted laterally, substantially as set forth.

3. The adjustable back A' of the carriage-body A, and the canopy-holder, consisting of the fixed and main stem B and adjustable arms B' and B², by means of which the canopy can be lowered or raised and tilted laterally, substantially in the manner described.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 3d day of March, 1881.

JEROME F. DOWNING. [L. S.]

Witnesses:

JNO. K. HALLOCK,
S. S. SPENCER.