

A. CLARKE.
Adjustable Top.

No. 162,797.

Patented May 4, 1875.

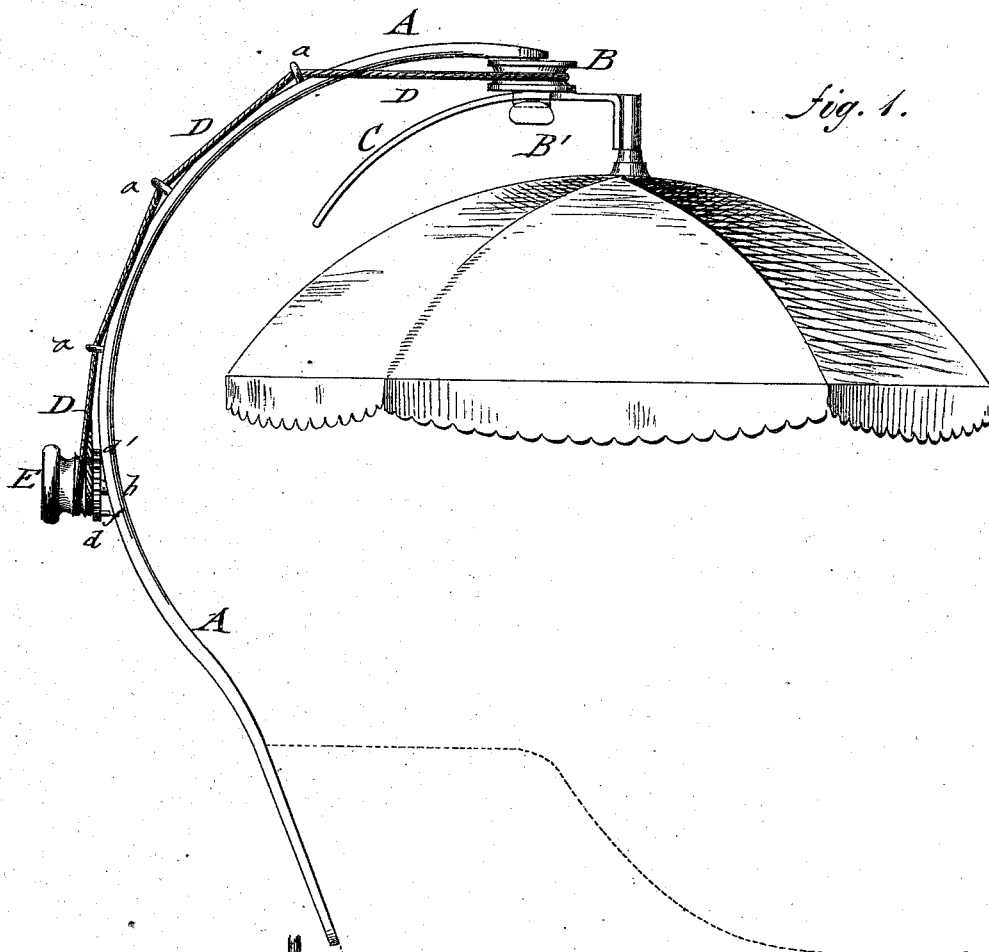


Fig. 1.

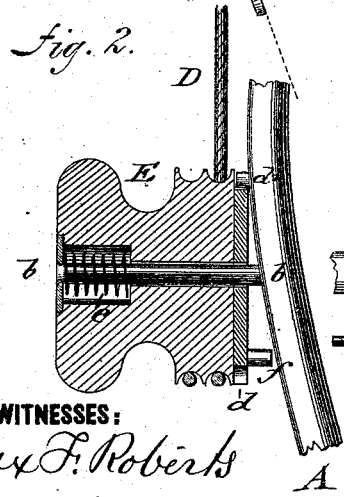


Fig. 2.

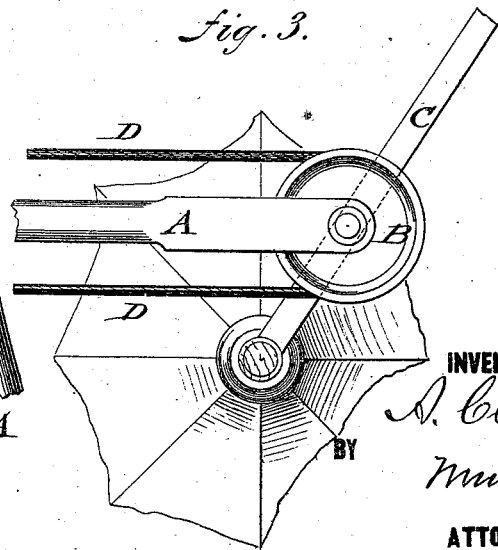


Fig. 3.

WITNESSES:
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UNITED STATES PATENT OFFICE.

ALMON CLARKE, OF SHEBOYGAN, WISCONSIN, ASSIGNOR TO HIMSELF AND CHARLES A. SPENCER, OF SAME PLACE.

IMPROVEMENT IN ADJUSTABLE TOPS.

Specification forming part of Letters Patent No. 162,797, dated May 4, 1875; application filed November 21, 1874.

To all whom it may concern:

Be it known that I, ALMON CLARKE, of the city and county of Sheboygan, Wisconsin, have invented a new and Improved Canopy-Adjuster for Children's and other Carriages, of which the following is a specification:

Figure 1 represents a side view of my canopy-adjusting device for carriages; and Figs. 2 and 3 are, respectively, detail central section, and top view, of the canopy-setting spring-knob and rotating-top pulley.

Similar letters of reference indicate corresponding parts.

My invention relates to an improved device for adjusting the canopy of children's and other carriages, in a simple, quick, and reliable manner, in any required position for shading against the sun, and other purposes.

The invention consists of a curved standard or arm, which is attached to the body of the carriage and provided, at the upper end, with a pivoted pulley, operated by means of a turning spring-knob and connecting-cords. A canopy or parasol, with arc-shaped slide-piece, is adjusted by a clamping device to the pulley, and set to any inclination thereon.

A represents a curved supporting-standard or arm, which is of suitable strength, and applied by fastening-screws to the body of a child's or other carriage. The upper end of the standard extends to a point nearly vertical above the center of the body, and carries a pivoted pulley, B, to the under side of which is attached, by a suitable clamping arrangement, B', the arc-shaped arm C of a canopy, parasol, or other protecting device, so that the same may be readily adjusted on the pulley in horizontal or inclined position, as desired. The pulley is turned to either side, together with the canopy, by means of cords D, which are applied at opposite sides of the circumference of the pulley, and passed through guide-eyes or staples *a* of the standard to a spring-knob, E, being attached to the pulley and knob in such manner that the unwinding of one cord, on the turning of the knob, produces the winding up of the other

cord, and thereby the ready swinging around of the pulley and canopy in any desired position. The knob or handle E turns on a pivot or shaft attached at some convenient height to the standard A, and slides with such play along the same that a notched or recessed disk or ratchet-plate, *d*, at its lower side, may be disengaged from a stationary tooth or pin, *d'*, of standard A, allowing the turning of the knob to either side. A spiral spring, *e*, at the end of the knob, carries the same back as soon as released, and secures thereby the position of the knob, pulley, and canopy. A stop-pin, *f*, projects from the under side of the knob, and defines, by its contact with standard A, the extent of turning the knob in either direction, so that the cords remain always stretched, and do not come off the knob.

The adjusting device forms a neat and convenient attachment to child's and other carriages, as the canopy may be set to any inclination and direction, and produces thereby a complete and efficient shade against the sun.

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

1. The canopy-adjusting device, composed of curved supporting standard with rotating end pulley, having adjustable canopy to be operated by spring-knob and connecting-cords, all combined substantially as specified.

2. The combination of a rotating pulley, B, having clamping device B', with arc-shaped slide-piece C, attached to canopy for setting the same under any inclination to the carriage-body, as specified.

3. The pivoted spring-knob E, having ratchet base-plate *d*, and stop-pin *f*, combined with standard A and pin *d'*, for defining extent of turning motion of knob and securing its position when set, substantially as specified.

ALMON CLARKE.

Witnesses:

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ALEX. F. ROBERTS.