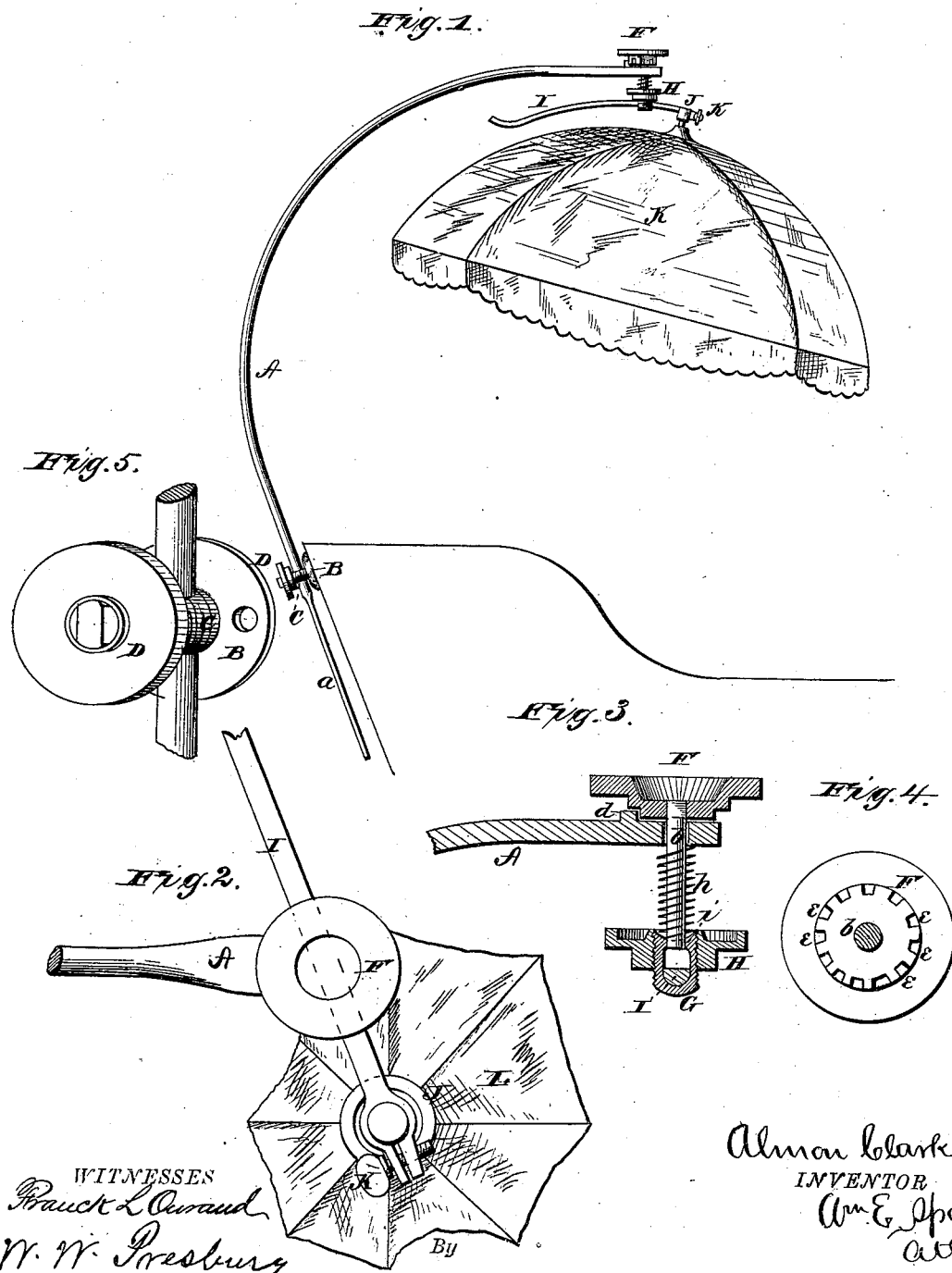


A. CLARKE.

Canopy Adjuster for Children's Carriages.

No. 202,329.

Patented April 16, 1878.



WITNESSES
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UNITED STATES PATENT OFFICE.

ALMON CLARKE, OF SHEBOYGAN, ASSIGNOR OF ONE-HALF HIS RIGHT TO CHARLES A. SPENCER, OF SHEBOYGAN FALLS, WISCONSIN.

IMPROVEMENT IN CANOPY-ADJUSTERS FOR CHILDREN'S CARRIAGES.

Specification forming part of Letters Patent No. 202,329, dated April 16, 1878; application filed March 18, 1878.

To all whom it may concern:

Be it known that I, ALMON CLARKE, of Sheboygan, in the county of Sheboygan, and in the State of Wisconsin, have invented certain new and useful Improvements in Canopy-Adjusters for Children's Carriages; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

My present invention relates to canopy-adjusters for children's carriages, and is intended as an improvement upon Letters Patent No. 162,797, granted to me May 4, 1875.

The nature of my invention consists in the construction of the clamping device for securing the supporting-standard to the carriage; and, further, in the construction and combination of parts, as will be hereinafter more fully set forth, and pointed out in the claims.

In the annexed drawing, to which reference is made, and which fully illustrates my invention, Figure 1 is a side elevation of my improved canopy-adjuster. Fig. 2 is an enlarged plan view of the upper end thereof. Figs. 3 and 4 are detailed views of the rotary adjustable clamping device. Fig. 5 is a perspective view of the clamping device for securing the standard to the carriage.

A represents the curved supporting standard or arm, which is made of any suitable length, and of sufficient thickness to have the requisite strength for the purposes for which it is intended. The body of this standard is round, while a portion, *a*, at the lower end, is flattened, so as to form a shoulder, which will prevent the accidental withdrawing of the same from the fastening-clamp while adjusting the standard up or down.

The clamp for securing the standard to the carriage-body is constructed in the following manner: B represents a circular disk or plate, fastened, by means of screws, permanently to the back of the carriage-body, in the center. From this plate projects a post or stem, C, which is provided with exterior screw-threads, and has a longitudinal slot through it of the same length as the flattened portion *a* of the

standard. On this post or stem is screwed a knob, D, as shown.

The standard A is turned to one side, and its flattened part *a* passed downward through the slot in the stem until the round body of the standard gets into said slot, when the standard is turned so that its upper end will extend forward, when the flat portion *a* will stand across, and the shoulder at the top of said flat portion will prevent the standard from being drawn out of the slot. The standard can now be adjusted up or down, as desired, and held firmly in any position by tightly screwing up the knob D.

The upper or front end of the standard A is also flattened, and a hole made through the same for the passage of a vertical pin, *b*, on the upper end of which is permanently fastened a knob, F. This knob has on its under side a series of notches, *e e*, arranged in a circle concentric with the pin *b*, as shown in Fig. 4. On the upper side of the standard is formed a lug or projection, *d*, to fit in either one of the notches *e* when the knob F is let down thereon.

On the lower end of the pin *b* is permanently secured a slotted piece or eye, G, provided with exterior screw-threads. The upper end of this eye forms a shoulder, *i*, against which rests the lower end of a spiral spring, *h*, placed around the pin *b*, the upper end of said spring bearing against the under side of the standard A. This spring draws down the knob F, so that one of its notches *e* will fit over the lug *d*, and prevent the device from turning.

On the slotted piece or eye G is screwed a knob, H, which is run up around the lower end of the spring *h*, to allow an arc-shaped arm, I, to be passed through the eye G and adjusted therein as required, after which the knob is screwed down to hold said arm in place.

The outer end of the arm I forms a tubular slotted clamp, J, with projecting ears for the passage of the clamping-screw K. This clamp is for the purpose of holding the stem of the parasol or canopy L.

It will readily be seen that by these devices

the canopy can be adjusted in any conceivable manner—for instance, at any angle, or forward and backward—by adjusting the arc-shaped sliding bar, and to either side, backward, or forward by the rotary adjustable spring-clamp.

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

1. In an adjustable canopy-holder, the combination of the standard A, having lower flattened portion *a*, with the plate B, slotted post or stem C, having exterior screw-threads, and the screw-knob D, substantially as and for the purposes herein set forth.

2. The combination, with the standard A, of the knob F, with notches *e*, the lug *d* on the standard, the pin *b*, spring *h*, eye G, with exterior screw-threads, arc-shaped sliding arm I, and the screw-knob H, all constructed substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 15th day of March, 1878.

ALMON CLARKE.

Witnesses:

WM. E. SPENCER,
D. P. COWL.