

(No Model.)

U. McCLINCHIE & J. F. BUTLER.

TOP FOR CHILDREN'S CARRIAGES.

No. 299,240.

Patented May 27, 1884.

Fig. 1.

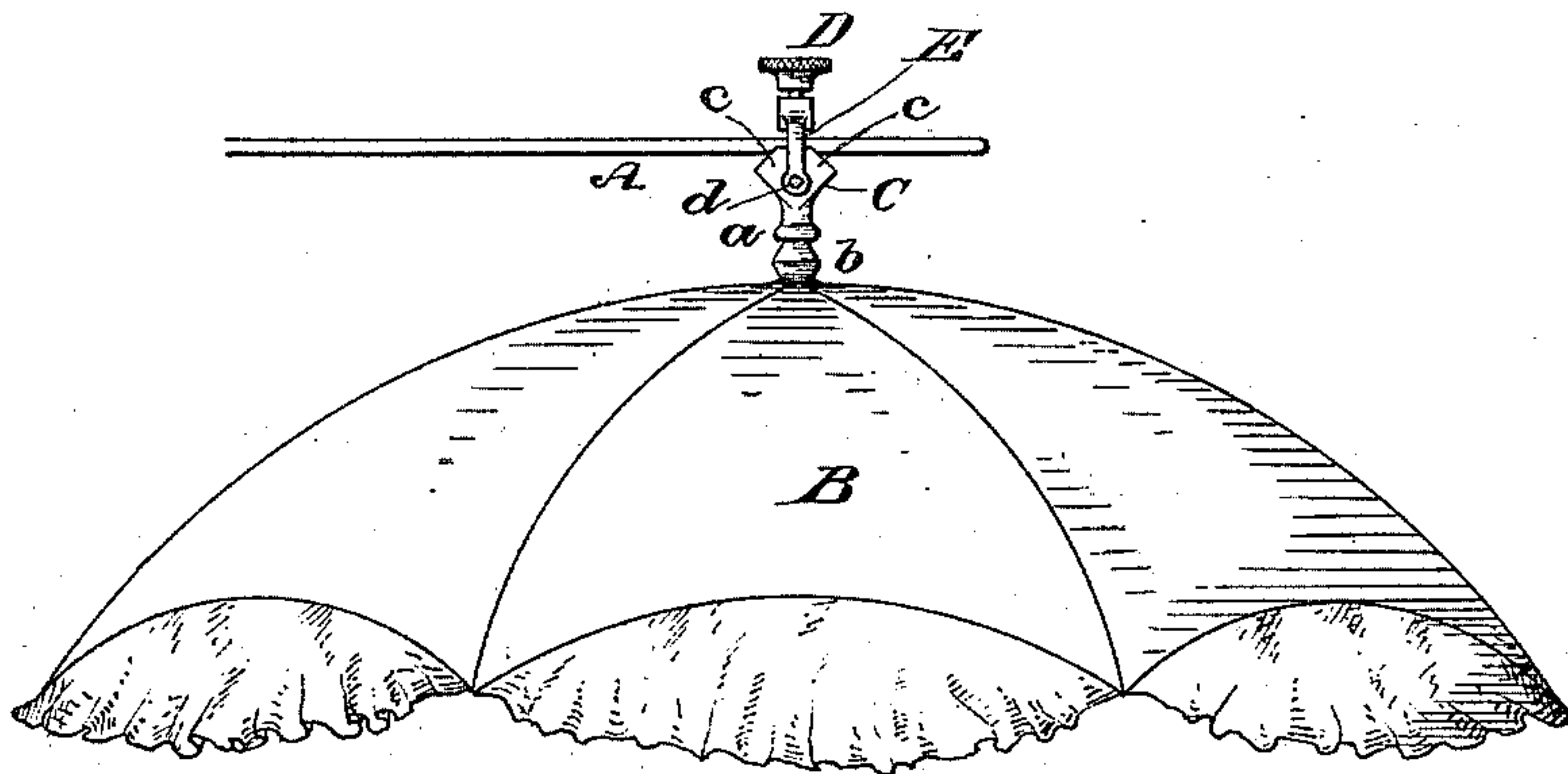


Fig. 2.

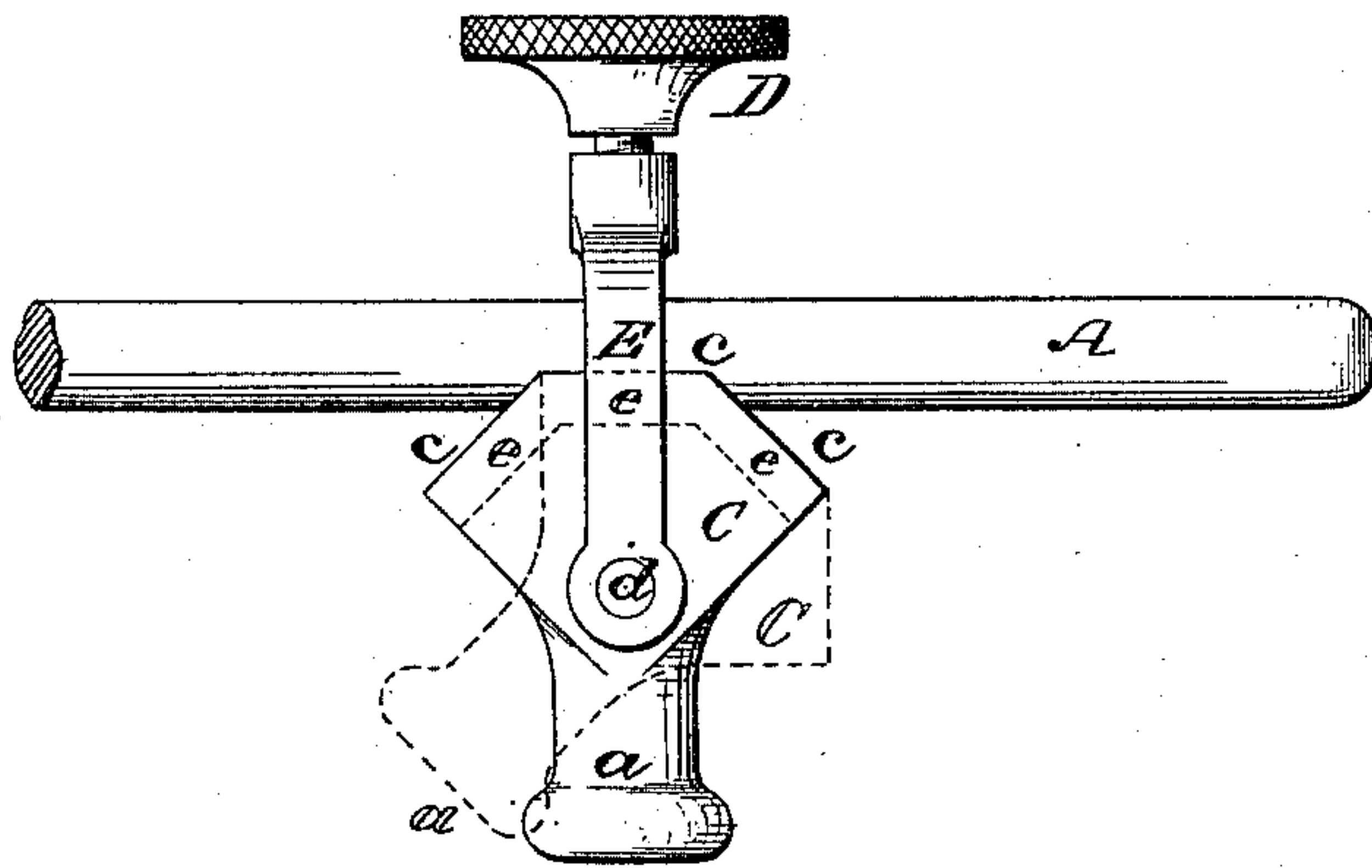
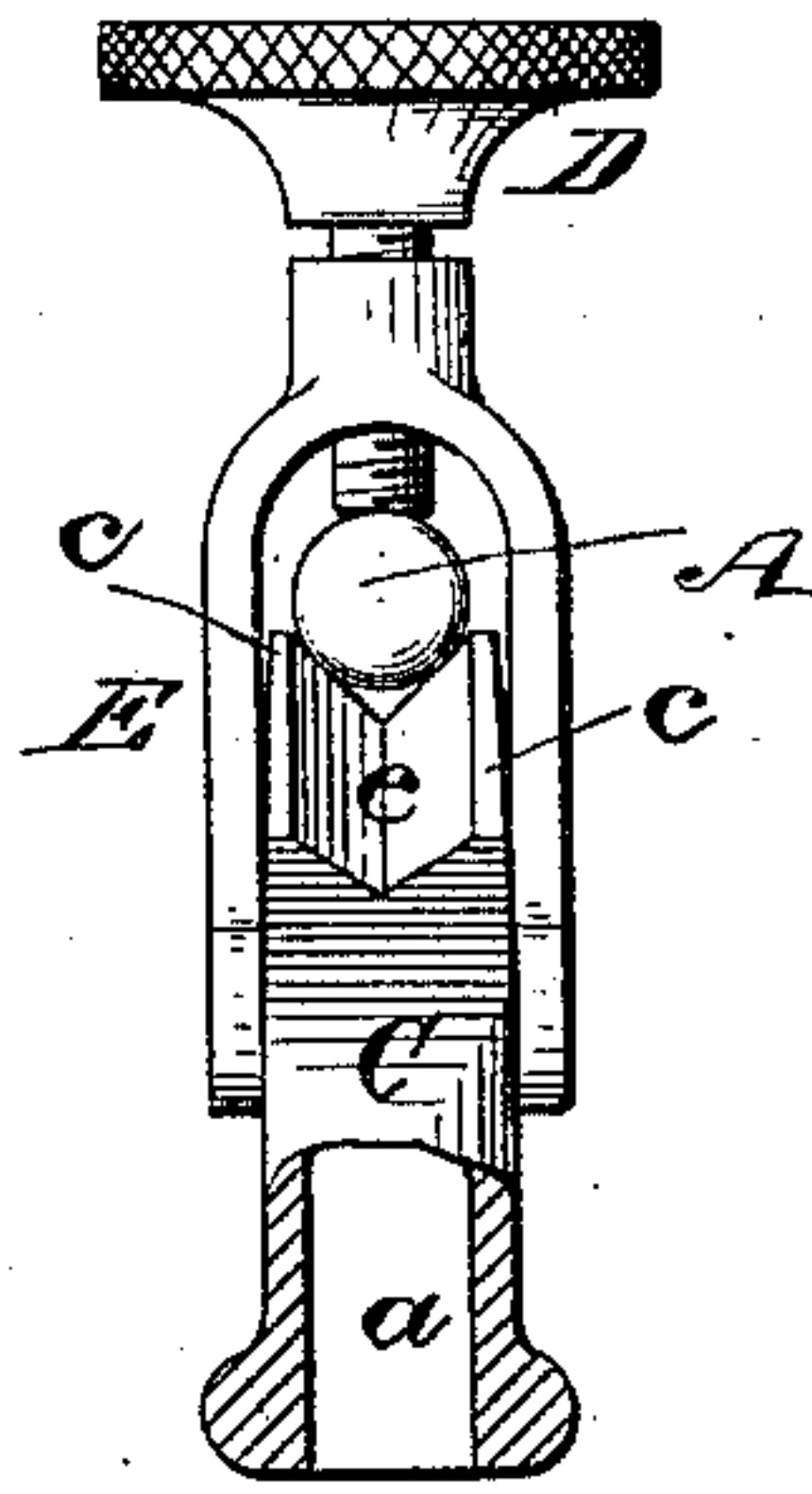


Fig. 3.



WITNESSES:

John H. Deemer
C. Sedgwick

INVENTOR:

U. McClinchie
J. F. Butler

BY

Attorneys
ATTORNEYS.

UNITED STATES PATENT OFFICE.

URIAH McCLINCHIE, OF NEW YORK, AND JAY F. BUTLER, OF WILLIAMSBURG, NEW YORK.

TOP FOR CHILDREN'S CARRIAGES.

SPECIFICATION forming part of Letters Patent No. 299,240, dated May 27, 1884.

Application filed November 15, 1883. (No model.)

To all whom it may concern:

Be it known that we, URIAH McCLINCHIE, of New York, in the county and State of New York, and JAY F. BUTLER, of Williamsburg, in the county of Kings and State of New York, have invented certain new and useful Improvements in Canopy-Supporting Clamps for Children's Carriages, of which the following is a full, clear, and exact description.

This invention relates to the means used to set and hold the canopy or parasol on children's carriages at different angles relatively to the length of the carriage; and it consists in a many angled or sided bearing attachment to the parasol or canopy, for use in connection with any suitable locking device, the two combined forming a clamp that will serve, as the canopy is swiveled or adjusted, to securely hold it in position on the rod or support which runs up from the body of the carriage, and is suitably shaped or bent to carry the canopy, whereby a positive and elongated hold of the canopy at any one of two or more fixed angles is obtained, substantially as hereinafter described; and the invention furthermore consists in a certain construction of a many angled or sided canopy-bearing attachment and appended locking device for clamping the canopy at different fixed angles on the rod which carries it, and in a combination of said devices, whereby great simplicity, efficiency, and increased strength are obtained, and the canopy may be adjusted to different positions along the rod; also be swiveled laterally, if desired.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 represents a side view of a clamp embodying our invention as applied to the rod or staff (shown only in part) which carries the canopy and as holding the canopy in place on said rod. Fig. 2 is a further side view, upon a larger scale, of the canopy support or staff in part with the clamp applied; and Fig. 3 is a partly-sectional front view of the same.

A is the rod, staff, or support which carries the canopy, and which may be attached

to the back of the body of the carriage in the usual or any suitable manner, and is bent to project over the carriage-body, which bent part is the portion shown in the drawings. B is the parasol or canopy carried by said rod. C is the many angled or sided bearing attachment, which forms the lower portion of the clamp. This device is constructed with a bottom socket, *a*, to provide for its attachment onto or over a center projection, *b*, on the top of the parasol or canopy, and is constructed on its upper portion with two, three, or more angular bearing surfaces or sides, *c c*, arranged to bear up against the rod A from beneath, and so that, accordingly as either one of said sides *c* receives the rod A upon or within it, as shown by full and dotted lines in Fig. 2, the position of the attachment in a vertical line or plane running in direction of the length of the carriage and overhead portion of the rod A will be changed to make the axial line of the socket *a* either straight up and down or inclining backward or forward, as the case may be, and of course to correspondingly change the overhead position or angle in a like direction of the parasol or canopy. By this polygonal shape of the upper or bearing portion of the lower part of the clamp a steady and elongated bearing is provided for it against the rod A, or for the rod A upon it, at any one of two or more fixed angles, which will give all the necessary adjustment of the canopy in the direction above stated, free from any possibility of slip. The locking or upper portion of the clamp, which may consist of a simple thumb-screw, D, may be variously attached and applied to liberate the clamp and provide for the angular adjustment of the bearing attachment C, as described, and to securely hold the same in position as adjusted. Thus the thumb-screw D may be fitted, as shown, to work through the upper bent end of a strap or saddle, E, and to bear directly down upon the rod A, the lower ends of said strap being pivoted, as at *d*, to opposite sides of the bearing attachment C, so that when the screw D is slackened the device C, with its attached canopy, may be swiveled, as required, from the pivots *d* as a center of motion, and, after the

necessary angular adjustment has been made, the whole be tightened up by slightly turning the screw to bear down on the rod A and draw up the attachment C. This construction and attachment of the locking device renders unnecessary any weakening of the rod A by a hole therein for the screw to enter; also provides for a simple solid construction of the polygonal piece C of the clamp, and will admit of the whole clamp, with its attached canopy, being slid to different positions backward or forward along the rod A, and, when said rod is of circular or other suitable form in its transverse section, also admitting of the canopy and its clamp being swiveled or tilted laterally upon the rod A. The angular bearing sides *c* of the attachment C it is proposed to construct with a **V** or other shaped groove, *c*, so as to form a spread and steady bearing-surface for the attachment C on or against the rod.

If desired, instead of attaching the locking device or screw as described, it might be made to pass through the rod A and to engage directly with the attachment C; or said attachment might be slotted both laterally and vertically, and a screw passing through the rod A and through the slot in the top of the attachment, with its head on the under side of said slot, and a thumb-nut on its outer end above the rod, might be used; but such construction and attachment of the locking device would not be as strong and would be more expensive and less efficient than the construction and attachment we have shown for the locking device; that, as before observed, might

be variously modified to act in concert with the polygonal-shaped attachment or portion C of the clamp. The sides or bearing-surfaces *c c* of this attachment C might, if preferred, be made flat instead of grooved.

Having thus fully described our invention, we claim as new and desire to secure by Letters Patent—

1. In canopy-supporting clamps for children's carriages, the combination of the canopy attachment C, constructed with two or more bearing sides or surfaces, *c*, arranged to occupy different angular positions, as described, and the attached locking-screw D, essentially as specified.

2. The polygonal-shaped clamping attachment C, in combination with the strap E, pivoted thereto, and the locking-screw D, substantially as specified.

3. The canopy attachment portion C of the clamp, constructed to present different angular bearing surfaces or sides *c c*, of a grooved shape in direction of their length, essentially as and for the purposes herein set forth.

4. The combination of the canopy portion C of the clamp, of grooved polygonal shape on its bearing-surfaces *c c*, and constructed with a lower socket, *a*, the locking-screw D, and the pivoted strap or saddle E, substantially as shown and described.

URIAH McCLINCHIE.
JAY F. BUTLER.

Witnesses:

ISAAC COLE,
EDWARD M. CLARK.