(No Model.)

J. H. JOHNSON.

UMBRELLA AND SHADE HOLDER.

No. 458,301. Patented Aug. 25, 1891.

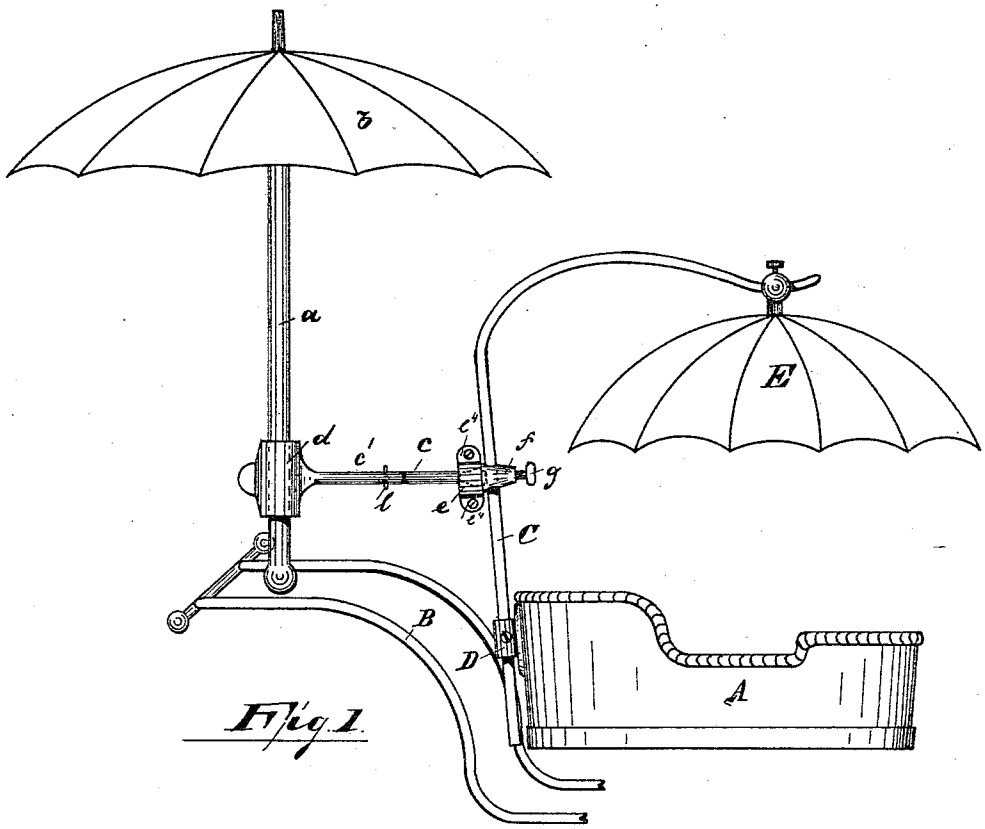


Fig. 1.

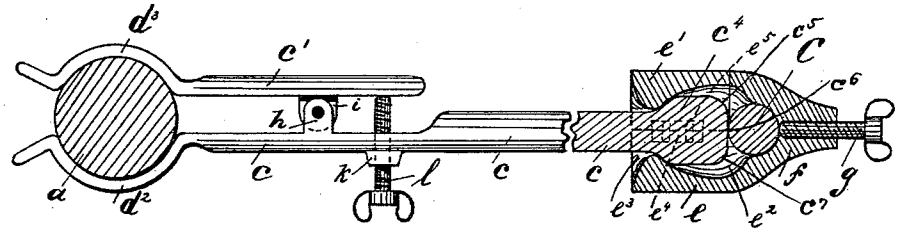


Fig. 2.

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UNITED STATES PATENT OFFICE.

JAMES HENRY JOHNSON, OF PATERSON, NEW JERSEY.

UMBRELLA OR SHADE HOLDER.

SPECIFICATION forming part of Letters Patent No. 458,301, dated August 25, 1891.

Application filed November 18, 1890. Serial No. 371,818. (No model.)

To all whom it may concern:

Be it known that I, JAMES HENRY JOHNSON, a citizen of the United States, residing at Paterson, Passaic county, and State of New Jersey, have invented certain new and useful Improvements in Umbrella or Shade Holders; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

The object of this invention is to enable a person pushing or trundling a child's carriage or vehicle to be protected from the rays of the sun or from rain, and to provide a convenient, economical, and independent support for an umbrella or other shade covering and readily detachable from the carriage when the shade covering is not required.

The invention consists in the improved shade or umbrella support, means for securing the handle-stick of the umbrella in the holder, means for adjustably securing the holder to the carriage, and the combination and arrangements of the various parts, as will be hereinafter more fully described, and finally embodied in the claim.

Referring to the accompanying drawings, in which like letters of reference indicate corresponding parts in each of the several figures, Figure 1 is a side view of a child's carriage provided with my improved umbrella-support, the running portion not being shown; and Fig. 2 is a top plan view of the support, the manner of securing it to the carriage being shown in section.

In said drawings, A represents a body of a child's carriage, B the trundling or pushing arms, C an overhanging shade-rod secured to the body at D, and E a small shade secured to the outer end of the rod C. All these parts are as ordinarily constructed and form no part of my invention.

On the rod C is secured in any desired position my improved umbrella-holder, carrying an umbrella stick or handle a and shade part b. This support consists of a rod or bar c with a portion cut away or removed, as shown in Fig. 2, the outer end of the reduced portion being formed in the arc of a circle, as shown at d^2. Projecting from the reduced portion of the rod c are lips h h, provided with holes in which is inserted a pin, as shown in Fig. 2. A separate piece or rod c' is constructed of a shape and size corresponding to the cut-away portion of c and provided with a curved outer portion d^3, corresponding to the curved portion d^2 on the end of the rod c. From this portion c' projects a central stud i, provided with a hole to receive the pin, as shown in Fig. 2. The curved portions d^2 and d^3 are adapted and arranged to embrace and hold the umbrella stick or handle a. Upon the outside of the rod c is formed a shoulder k, through which and the rod c is a threaded opening, in which works a threaded thumb tightening-screw l, as shown in Fig. 2, the object of which will be hereinafter set forth. The inner end of the rod c is provided with an enlargement c^4, having its extremity so shaped as to provide the bearing-surfaces or jamming points c^5 c^6 c^7. Around this enlarged end c^4 is adjusted and arranged a bottom clamp or casing formed in two parts e e', the outer part or end of e being made solid, as shown at f and provided with a threaded hole in which works a tightening thumb-screw g. The inner end of the solid portion is curved to receive the upright rod C. The parts e and e' are provided with lips e^4 and e^5, provided with holes to receive screws or bolts to secure the two parts together, as shown in Fig. 1. The curved portions d^2 and d^3 are elongated to prevent lateral motion, and when clasped around the stick or handle a form the complete clasp d. (Shown in Fig. 1.) The arrangement of the enlarged end of the rod c in the chamber formed between the parts e and e', when secured together, permits a limited lateral movement of the holder on the rod C, and when so adjusted to the position desired the holder is firmly held on the rod C by screwing up the tightening-screw g, and thereby binding the rod C against one of the bearing surfaces c^5, c^6, and c^7. This arrangement provides for all necessary lateral adjustment of the holder and at the same time prevents a too great movement of this character by

causing the operator to secure the rod c in one of three positions, either centrally or on one side.

When the umbrella stick or handle is adjusted to the desired height within the parts d^2 d^3, the screw l is turned up, thus forcing the inner end of the part c' outward and the outer curved end d^3 inward to firmly bind the umbrella-stick between the portions d^2 and d^3, as will be manifest.

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

In an umbrella-holder, the combination, with supporting-rod c and clamping-rods c', pivoted thereto, of curved clamping portions d^2 d^3, integral, respectively, with said rods c c', adjusting-screw l, and means for securing said supporting and clamping rods c c' to a carriage-rod, consisting of an enlarged portion c^4, having the bearing-surfaces c^5 c^6 c^7, socketed clamps e e', provided with flaring openings and adapted to receive said enlarged portion and carriage-rod, and a tightening-screw g, adapted to bind the carriage-rod against one of the bearing-surfaces of the enlargement of the supporting-rod, all said parts being combined and adapted to operate substantially as described, and for the purposes set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 16th day of September, 1890.

JAMES HENRY JOHNSON.

Witnesses:

ALFRED A. VAN HOVENBERG,

LESLIE SMENGER.