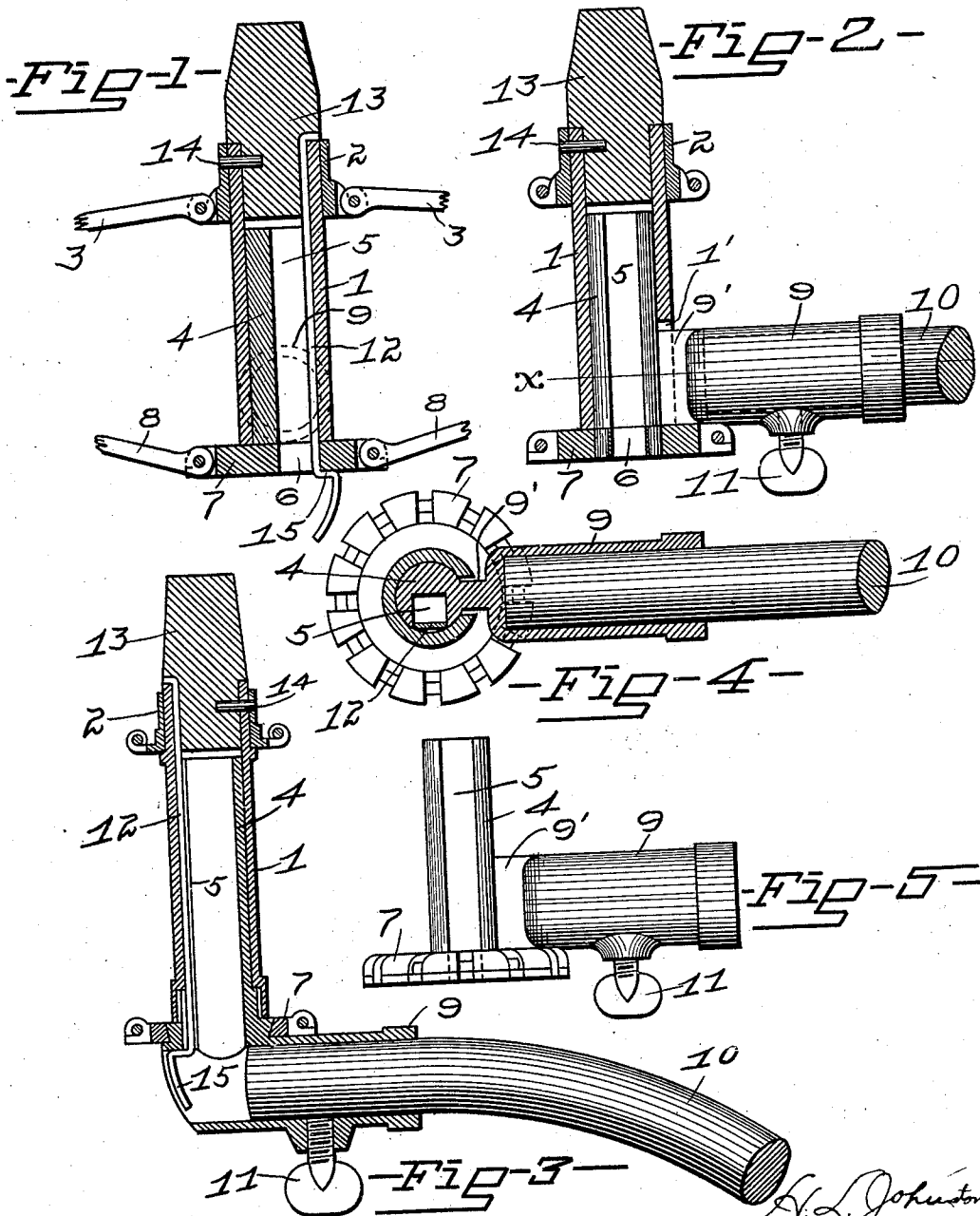


No. 828,212.

PATENTED AUG. 7, 1906.

H. L. JOHNSTON.
SUPPORT FOR VEHICLE UMBRELLAS OR CANOPIES.
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UNITED STATES PATENT OFFICE.

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SUPPORT FOR VEHICLE UMBRELLAS OR CANOPIES.

No. 828,212.

Specification of Letters Patent.

Patented Aug. 7, 1906.

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To all whom it may concern:

Be it known that I, HERBERT L. JOHNSTON, a citizen of the United States, residing at Troy, in the county of Miami and State of Ohio, have invented certain new and useful Improvements in Supports for Vehicle Umbrellas or Canopies; and I do 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 the figures of reference marked thereon, which form a part of this specification.

This invention relates to improvements in supports for umbrellas or canopies for vehicles.

The object of the invention is to provide a comparatively inexpensive support which is efficient in its operation and simple to manipulate, all as will hereinafter be more fully described, and pointed out in the claims.

Preceding a detail description of the invention reference is made to the accompanying drawings, of which—

Figures 1 and 2 are vertical longitudinal sectional elevations of the support, said sectional views being at right angles to each other. Fig. 3 is a sectional elevation showing some slight modification in the support. Fig. 4 is a sectional view on the line *x* of Fig. 2. Fig. 5 is a detail view of the stem, with its socket connection and crown.

In a detail description of the invention similar reference characters indicate corresponding parts.

1 designates an outer sleeve or runner which has upon its upper end a notcher 2, which is securely attached thereto and to which the inner ends of the umbrella or canopy ribs 3 are attached, said ribs being connected at their outer ends with the umbrella or canopy in the usual manner.

4 designates a stem which projects into the runner 1 and has a longitudinal slot 5 therein, which extends inwardly, as shown in the drawings. This slot extends the full length of the stem and registers with a slot 6 at the bottom. The slot 6 is in the stem-crown 7, which is rigidly secured to the lower end of the stem, as shown in the drawings. To the crown 7 the rib-braces 8 are connected at their inner ends, the outer ends of said braces being connected to the umbrella or canopy ribs in the usual manner. Projecting at right angles from the stem 4 is a socket 9;

which is designed to receive the supporting-arm 10 and to be secured thereto by means of a set-screw 11. This supporting-arm 10 has a suitable curvature to extend down to the vehicle-seat, where it may be secured by means of a socket (not shown) or in any other suitable manner. The portion 9' of the socket which immediately joins the stem 4 is reduced in diameter and enters a slot 1' in a side of the runner 1 when the runner is in position on the stem, as shown in the drawings.

On the interior of the runner 1 there is a leaf-spring 12, which is securely maintained within said runner by means of a plug 13, which is forced within the upper end of the runner and is made secure thereto by a suitable number of pins 14, which secure the notcher 2 in position at the upper end of said runner. The lower end of the spring 12 projects below the stem-crown 7 through the opening 6 therein and is provided with a shoulder 15, which engages the lower side of said crown and holds the runner and stem in position when the umbrella or canopy is raised. In lowering or collapsing said umbrella or canopy the spring is pressed inwardly at the lower end to free it from engagement with the crown-plate 7, and the runner 1 is then moved upwardly away from the stem 4. The umbrella or canopy support is detachable from the arm 10 when its use is not required. The plug or top 13 in addition to its function of maintaining the spring in position also adds a finish to the extreme top of the canopy.

Fig. 3 illustrates a slight modification which adapts the support to a certain type of vehicle, and the modification of which consists in providing the handle-socket 9 below the stem-crown 7, said stem, crown, and socket being one integral piece, as is the case of the stem, crown, and socket as shown in Figs. 1 and 2.

Having described my invention, I claim—

1. In a support for vehicle-canopies, a runner having a notcher on its upper end, a stem inserted in said runner, said stem having a slot extending throughout its length, a crown-plate on the lower end of said stem against which the lower end of the runner abuts, and a spring lying on the interior of the runner within the slot in the stem and its end projected through the crown-plate and interlocking therewith.

2. In a support for vehicle-canopies, a runner having a notcher upon its upper end to

which the canopy-ribs are attachable, a stem projected in said runner and having a longitudinal slot therein, a crown-plate on the lower end of said stem against which the
5 lower end of the runner abuts, a socket member projecting from the lower portion of said stem and passing through a slot in the lower portion of the runner, and a spring on the interior of the runner within the slot in the

stem, and projecting through the opening in the crown-plate and interlocking therewith.

In testimony whereof I affix my signature in presence of two witnesses.

H. L. JOHNSTON.

Witnesses:

E. C. BROWN,

E. E. EDGAR.