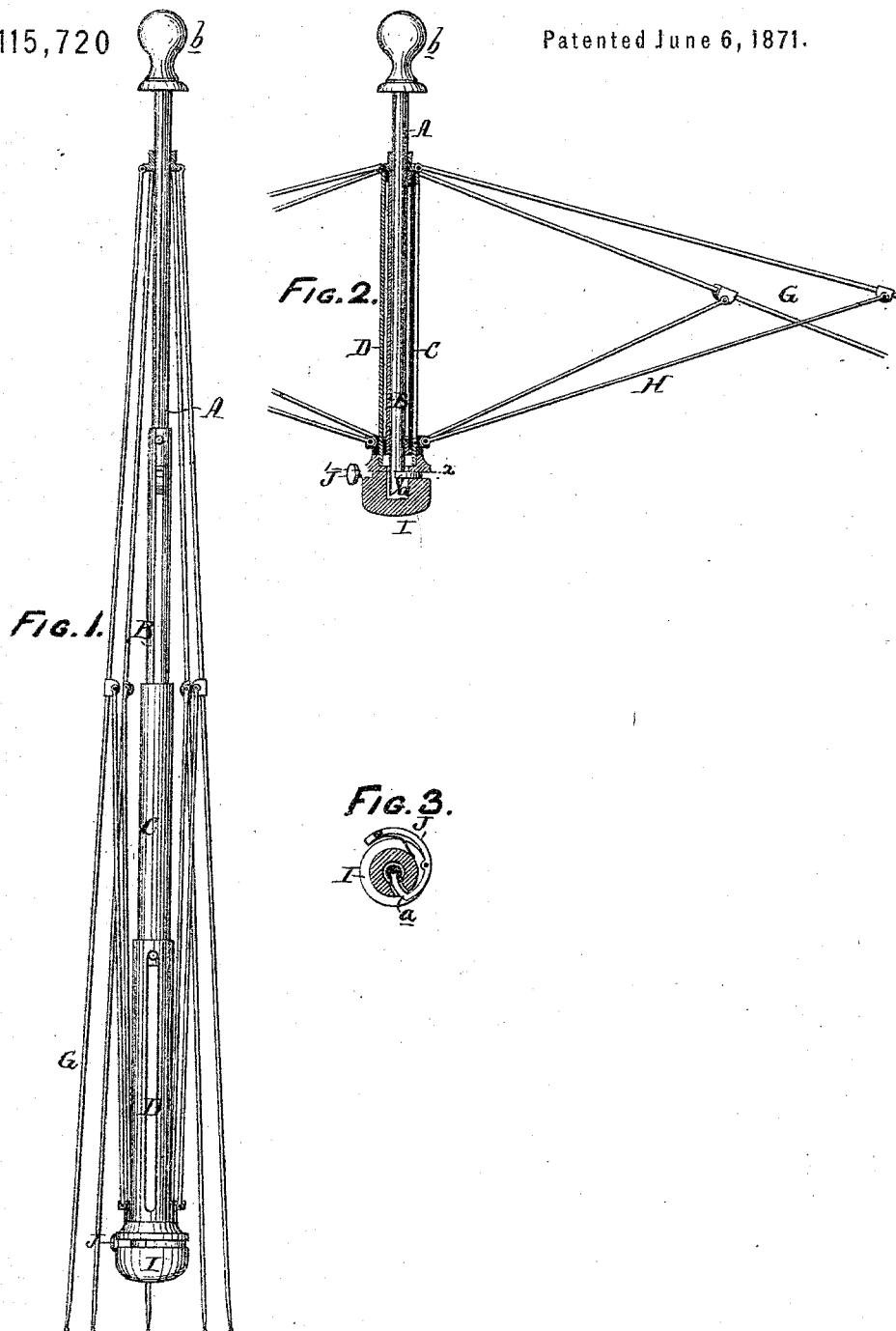


WILLIAM A. DROWN, Jr.

Improvement in Umbrellas.

No. 115,720

Patented June 6, 1871.



WITNESSES { *Jno. B. Harding.*
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UNITED STATES PATENT OFFICE.

WILLIAM A. DROWN, JR., OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN UMBRELLAS.

Specification forming part of Letters Patent No. 115,720, dated June 6, 1871.

I, WILLIAM A. DROWN, Jr., of Philadelphia, county of Philadelphia, State of Pennsylvania, have invented an Improved Umbrella or Parasol, of which the following is a specification:

Nature and Object of the Invention.

My invention consists of an umbrella or parasol, constructed in the peculiar manner too fully explained hereafter to need preliminary description, for suspension above a carriage, the object of the invention being to so arrange the rod or handle that it shall not interfere with the occupants or driver of the carriage.

Description of the Accompanying Drawing.

Figure 1 is a view of the rod and frame of my improved umbrella or parasol for carriages; Fig. 2, a sectional view of the rod as it appears when closed, and the frame expanded; and Fig. 3, a sectional plan on the line 1 2, Fig. 2.

General Description.

The rod of the umbrella or parasol consists of the stem A and tubes B, C, and D, arranged to slide into each other after the manner of a telescope, so that the rod can be expanded, as shown in Fig. 1, or contracted, as seen in Fig. 2. The tube B is slotted to receive a pin on the stem A, so that the latter cannot turn independently of the tube, the pin at the same time limiting the outward movement of the stem; and this arrangement is observed with the different lengths of the rod. The ribs G and stretchers H are of the ordinary construction, the upper ends of the ribs being jointed to the stem A and the lower ends of the stretchers to the lower end of the tube D, which is

provided with a hub, I; and to the latter is hinged a spring thumb-latch, J, a projection, a, on which, projects through a hole in the hub, and when the rod is contracted, as shown in Fig. 2, into a hole at the lower end of the stem A, thus retaining the tubes in their contracted condition and serving to hold the umbrella open. By pressure on the spring-latch, however, its projection a may be withdrawn from the hole in the stem A, when the rod can be expanded and the umbrella closed, as shown in Fig. 1.

The umbrella, constructed as above described, is suspended to a projecting arm above a carriage by the knob b in such a position as to protect the driver or occupants, who are not annoyed by a downwardly-projecting rod, such as is used with ordinary umbrellas, the lowest portion being the hub I, which, when the umbrella is opened, is drawn up with the stretchers to a sufficient height to clear the heads of the occupants or driver of the carriage.

My invention is especially applicable to children's coaches, but can be used in connection with carriages and vehicles generally.

Claim.

An umbrella or parasol having a rod composed of lengths arranged to slide into each other, as set forth, and ribs or stretchers jointed to the said rod, as specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WM. A. DROWN, JR.

Witnesses:

WM. A. STEEL,
F. B. RICHARDS.