(No Model.)

F. G. FORD.

CANOPY SUPPORT.

No. 309,451. Patented Dec. 16, 1884.

Fig. 1.

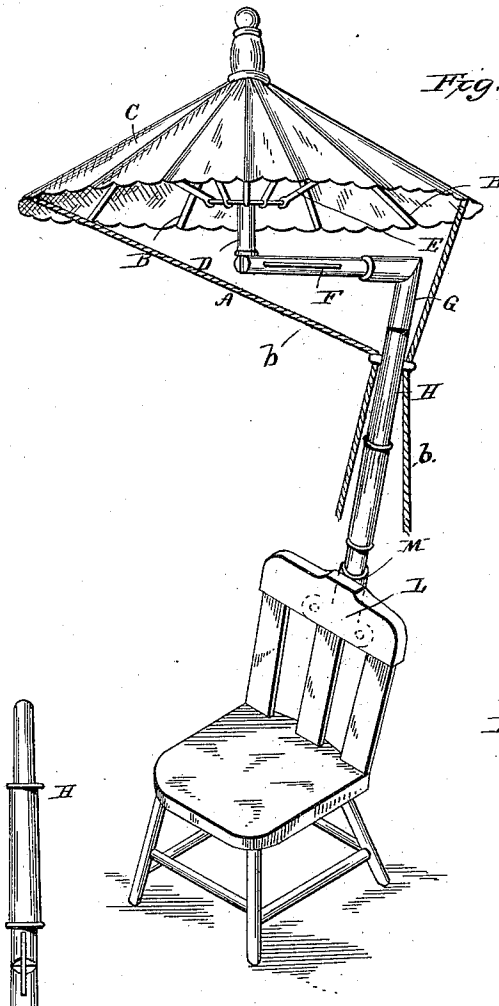


Fig. 2.

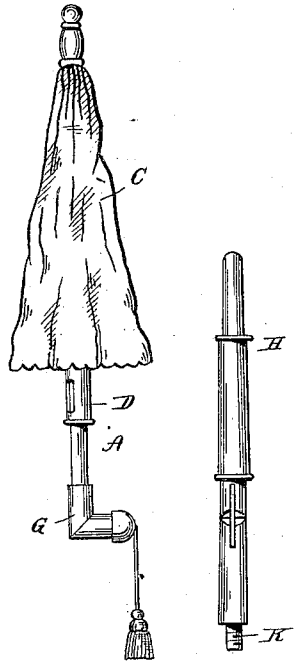
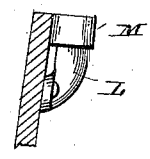


Fig. 3.



Witnesses.
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UNITED STATES PATENT OFFICE.

FREDERIC G. FORD, OF ROXBOROUGH, PENNSYLVANIA.

CANOPY-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 309,451, dated December 16, 1884.

Application filed May 1, 1883. (No model.)

To all whom it may concern:

Be it known that I, FREDERIC G. FORD, a citizen of the United States, residing at Roxborough, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Canopy-Supports, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention has for its objects to provide an improved canopy and canopy-support which will be portable and readily secured to the back of a chair, bed, couch, or other similar article of furniture, and which will protect the occupant from the rays of the sun, or serve as a support for a mosquito-netting, and which may be, when detached, used as a parasol or umbrella, as more fully hereinafter specified. These objects I attain by the means illustrated in the accompanying drawings, in which—

Figure 1 represents a perspective view of my improved device, showing the same attached to the back of a chair; Fig. 2, a view showing the device detached from the chair, the parasol in condition to be carried in the hand; and Fig. 3 represents the screw-threaded socket attached to a portion of a chair or other furniture to receive the rod or staff of the canopy.

The letter A indicates a rod or staff, constructed in two parts, connected by a parasol-joint, and provided with the ordinary sliding sleeve. When detached and in hand, the joint allows the carrying of the shade as a parasol, the said shade being placed at any convenient angle to the handle thereof, as is evident, and which device is in common use. The staff has attached to it near the upper end a sleeve having the usual pivot-seats for the upper ends of the folding ribs B of the canopy C, which are secured in the usual manner. The canopy is secured to the ribs in the same manner as the cover to a parasol or umbrella, and the ribs are attached to the flange of a sliding sleeve, D, by means of the usual rods, E, so that the canopy may be raised or lowered after the manner of a parasol or umbrella. The canopy is held elevated when the staff A is straightened by the usual spring-catch, F, the sleeve D covering the joint and stiffening it as much as is necessary for practical purposes. The canopy may thus be carried in hand as an ordinary parasol or umbrella.

The letter G indicates a knee or elbow joint, into the ends of which are adapted to set the lower section of the staff A and the upper end of a section, H, by means of which the two sections may be united at right angles to each other. The lower section may be made with a parasol-joint and provided with a sliding sleeve to facilitate transportation. The lower end of the section H has formed on it a screw, K, which is adapted to fit into a screw-threaded socket, L, which may be attached to the back or other portion of a chair or other article of furniture. The said socket on its outside is provided with a projecting washer, M, of rubber or other similar material, by means of which injury to the walls of a room may be prevented.

Instead of being screw-threaded at the lower end, the lower section at such end may be made with a taper or bevel, and the socket, instead of being screw-threaded, may be tapered internally, so as to receive and hold the end of said section. The staff or section H is provided with staples or other suitable devices through which cords *b* pass freely. One cord passes to the front outer edge of the canopy and the other to the rear outer edge. By means of these cords the canopy may be set at any angle desired.

The cords may be secured to the chair by tying or other easily-detachable means.

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

The combination, with an umbrella or canopy having a jointed stick, a jointed section carrying a sliding sleeve for normally covering the joint, an elbow detachably connecting the section and the umbrella-stick, and a socket supporting the section, of the cords attached to the front and rear outer edge of the canopy, and freely passing through staples or similar devices on the staff, the whole device operating substantially as and for the purpose specified.

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

FREDERIC G. FORD.

Witnesses:

CHAS. D. DAVIS,

J. J. MCCARTHY.