(No Model.)

# J. T. SMITH.

## UMBRELLA SUPPORT.

No. 263,606. Patented Aug. 29, 1882.

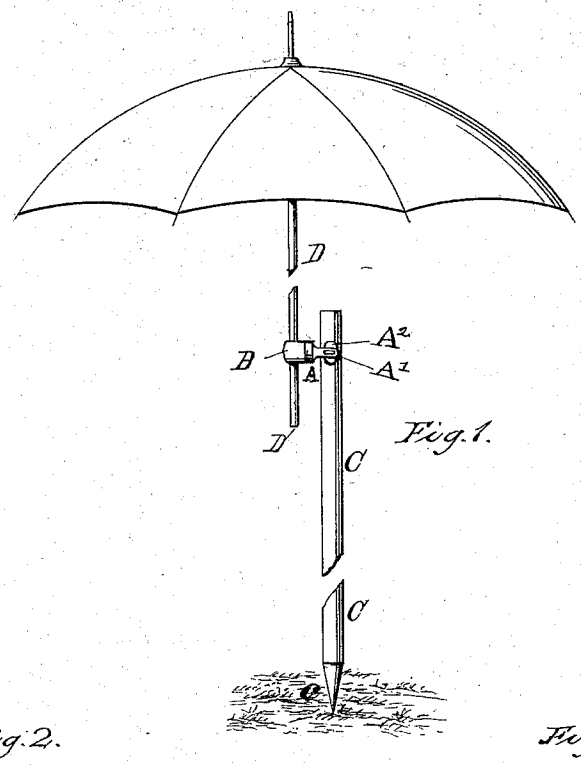



Fig. 1.

Fig. 2.

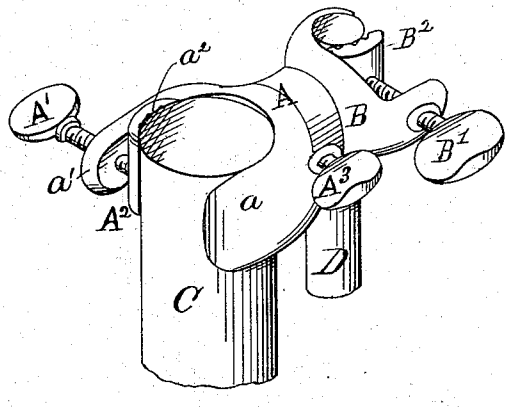
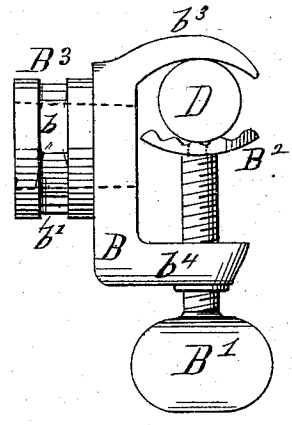



Fig. 3.




WITNESSES

F. W. Howard

W. C. Young.

INVENTOR

James T. Smith

by M. A. Woodbridge

his Attorney

N. PETERS. Photo-Lithographer, Washington, D. C.

# UNITED STATES PATENT OFFICE.

JAMES T. SMITH, OF NEW YORK, N. Y.

## UMBRELLA-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 263,606, dated August 29, 1882.

Application filed July 20, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES T. SMITH, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Umbrella and Canopy Supporters; and I do hereby declare the following to 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.

The object of my invention is to provide a simple, strong, compact, and portable device for supporting artists' sun-shades, umbrellas, and light canopies in desired positions; and it consists in certain features hereinafter described, and specifically set forth in the claims.

Figure 1 is an elevation of an umbrella or sun-shade supported by a device constructed in accordance with my invention. Fig. 2 is a perspective of my device complete, and Fig. 3 a plan of one of its elements.

Like letters refer to like parts in all the figures.

The device consists essentially of two clamps secured to each other adjustably, the one, A, being sufficiently large to permit of the introduction therein of a projection on the other, B, as hereinafter described. The body portion of the clamp A is provided with a broad curved arm, *a*, and a narrow straight arm, *a'*, and the latter has a thumb-screw, A', to the inner end of which is secured pivotally a curved bearing-plate, $A^2$, the inner surface of which is corrugated, as shown at $a^2$, to adapt it to firmly bind against any suitable standard or support, as C, when embraced by the arms *a* *a'* and when the screw A' is tightened. The standard is shown in Fig. 1 as pointed (and it may be provided with a metal point) at *c*, whereby it can be readily driven into the ground. The body portions of the clamp are hollow, as shown by dotted lines in Fig. 3, and that of the clamp B is provided with a hollow cylindrical projection, $B^3$, circumferentially grooved at *b*, and having ratchet-teeth *b'* formed in the bed of the groove. The projection $B^3$ is fitted within the hollow body portion of the clamp A, so as to turn or revolve loosely therein, and is held in desired positions—that is, at any point in its revolutions—or turning therein by means of a screw, $A^3$, so located in clamp A and directed that it enters the groove *b* and takes into the ratchet-teeth *b'*, thus firmly securing the clamp from further revolution in either direction.

It will be seen that the screw $A^3$ may be withdrawn from the ratchet-teeth and still remain within the groove *b*, thus preventing the withdrawal of the clamp B or its projection $B^3$ from the clamp A, and that a further withdrawal of the screw permits a complete separation of the clamps.

The clamp B is also provided with a curved arm, $b^3$, and a straight arm, $b^4$, a thumb-screw, B', and bearing-plate $B^2$, and in each clamp the bearing-plate is secured to the screw pivotally, a central longitudinal projection on each of the screws being headed down loosely in a perforation in the bearing-plate. (See dotted lines of Fig. 3.)

It is apparent that the two clamps as constructed are adapted to various uses other than that illustrated in Fig. 1—as, for example, the standard C may be removed and the clamp A secured to a buggy-seat at the front edge, where, by turning the clamp B a quarter-circle from the position shown in Fig. 2, it would be adapted to support an umbrella in an upright position. The clamps are also adapted to adjustably support a photographer's head-rest or a head-rest in or on a barber's chair; but particular advantages attend its use as a support for artists' sun-shades, as by means of the rotation of clamp B in clamp A and the adaptation of the latter to be shifted about—that is, at any point around a suitable standard—any angle of inclination can be given to the shade. The clamps themselves are reduced in size and weight to the minimum, regard for the necessary strength of the parts being had, and they can be conveniently carried in the pocket when not in actual use.

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

1. The hollow clamp A, provided with the screw $A^3$, in combination with clamp B, provided with the projection $B^3$, having the groove *b* and ratchet-teeth *b'* in the bottom of the

groove, whereby the clamp B may be secured in desired positions and prevented from withdrawal from the clamp A when being rotated therein, substantially as shown and described.

2. The combination of the hollow clamp A, having the screw A′, corrugated pivotal plate $A^2$, and screw $A^3$ with the clamp B, having the grooved projection $B^3$, the standard C, and handle D, substantially as shown and described.

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

JAMES THOMAS SMITH.

Witnesses:

LEWIS LEFFERTS,

JOHN F. DALTON.