

W. F. Turner
Umbrella

Sheet 1-2 Sheets.

Fig. 1. N^o 70378.

Patented Oct. 29. 1867



Fig. 4.

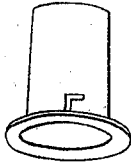


Fig. 3.

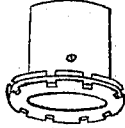


Fig. 3.



Fig. 5.

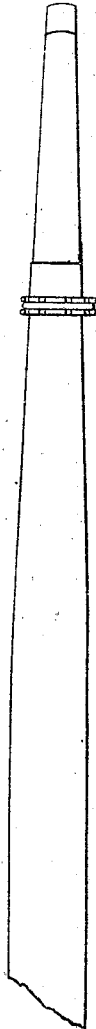
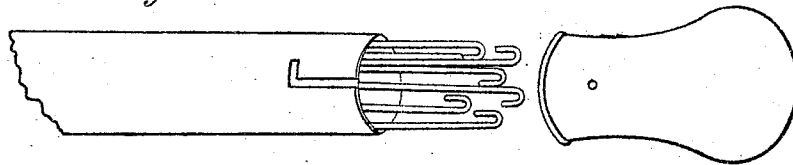


Fig. 6.



Fig. 2.



Witnesses.

George Wunderlich
Jacob P. Smith.

Inventor

W. F. Turner

W.F. Turner Umbrella.

N^o 70378.
Fig. 8.

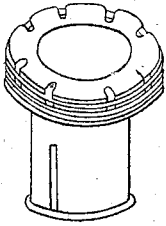


Fig. 9.

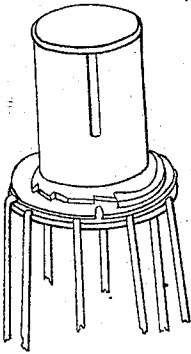


Fig. 11.

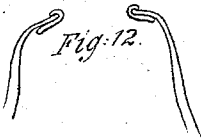
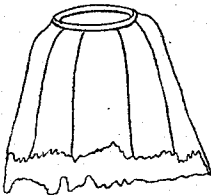


Fig. 10. Patented Oct. 29, 1867.

Fig. 7.

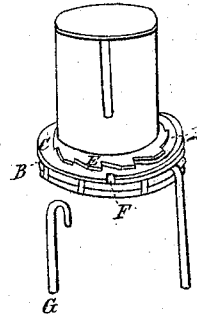


Fig. 10.

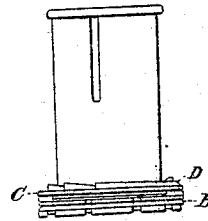


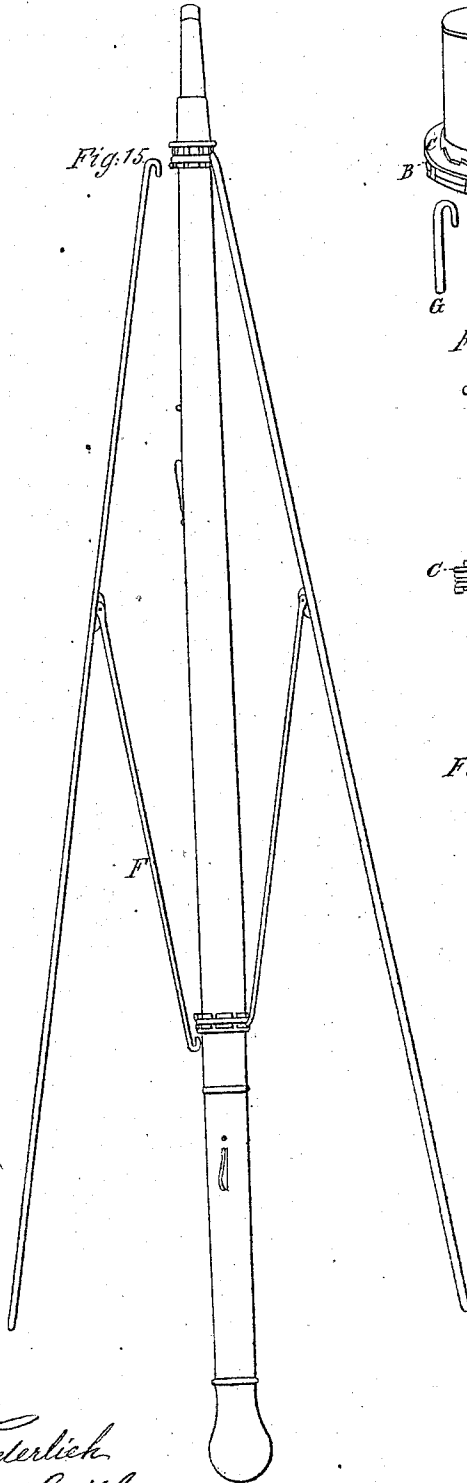
Fig. 13.



Fig. 14.



Fig. 15.



Witnesses:

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WILLIAM F. TURNER, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 70,378, dated October 29, 1867.

IMPROVEMENT IN UMBRELLAS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, WILLIAM F. TURNER, of the city of Philadelphia, in the State of Pennsylvania, have invented a new and useful Improvement in Umbrellas; and I do hereby declare the following to be a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention consists in combining an umbrella with a cane in the inside, the cane being hollow, and seeming as a walking-stick. The cover, runner, and top notches may be carried in the pocket, in a small box or case, to be on hand at a moment's notice, to be transformed into an umbrella, to shelter from sun or rain, and may be put together in less than three minutes, although nearly every piece is separate.

In order that my said invention may be fully understood, I will now proceed more fully to describe the same.

Figure 1 is a view of the cane, supposed to contain the ribs and stretchers.

Figure 2, the top portion of the cane, with the head off, and showing the ribs protruding.

Figure 3, top notches, to which the ribs are to be fastened.

Figure 4, cap, to secure the ribs in their places.

Figure 5, top notches attached to the bottom of cane, ready to receive the ribs.

Figure 6, top notches and ribs secured by the cap end of hooked rib A to fit on the wire running round in the top notches, fig. 3, and secured in position by cap, fig. 4.

Figures 7, 8, 9, 10, the runner that opens and closes the umbrella. B, wire that receives the hooks of the ribs. C, a revolving ring or shoulder, better seen in fig. 7, which has a notch, F, that sets parallel with one of the notches of the runner, so that the hook on the rib G can be hooked in the wire B, fig. 7 or 10. D, spring that works in socket-wheel E, fig. 7, to regulate and secure shoulder C, when adjusting the hook on rib G.

Figure 12, top portion of cover, showing brass-ring, better seen in sectional view, fig. 12.

Figure 13, gild-tip, showing the hollow by dotted lines.

Figure 14, gild-tips sewed to cover.

Figure 15, rib and stretcher, F.

Figure 16, showing a portion of the frame before the cover is placed in position, which is done by merely placing the point of cane through the ring, fig. 11, and springing or bending the rib, and then placing gild-tip over the end, when the umbrella is ready for use.

What I claim as my invention is—

An umbrella having a hollow cane or handle, the ribs, stretchers, cap, runner, and cover all being detachable, as and for the purpose herein shown and described.

WM. F. TURNER.

Witnesses:

J. R. MASSEY,
GEORGE WUNDERLICH,
HENRY EHLMANN.