Sept. 2, 1930. W. H. WELLS 1,774,909

COMBINATION UMBRELLA TENT

Filed July 31, 1928

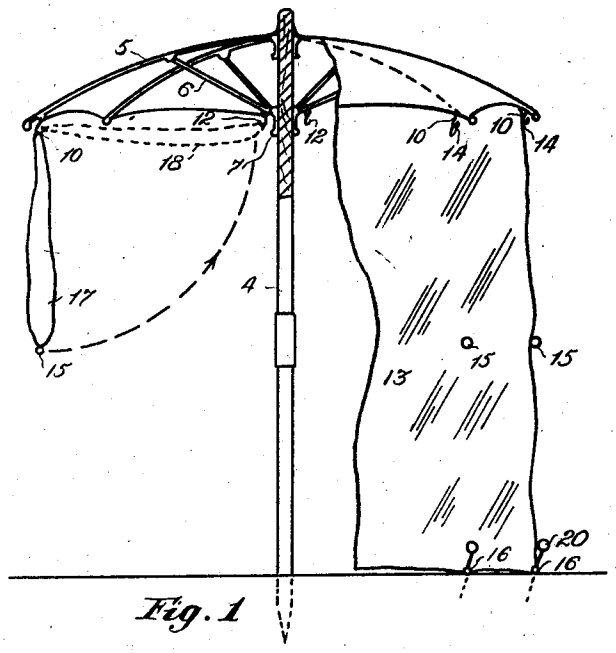


Fig. 1

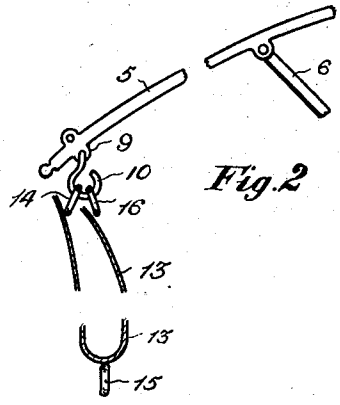


Fig. 2

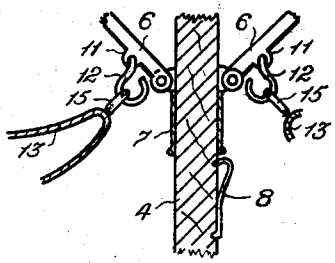


Fig. 3.

William H. Wells
Inventor
W. L. Boyden
Attorney

Patented Sept. 2, 1930 1,774,909

UNITED STATES PATENT OFFICE

WILLIAM H. WELLS, OF VANCOUVER, BRITISH COLUMBIA, CANADA

COMBINATION UMBRELLA TENT

Application filed July 31, 1928. Serial No. 296,565.

This invention relates to improvements in the class of umbrellas known as "beach" umbrellas, in which an umbrella of relatively large size is furnished with a stem extension adapted for driving or pushing into the ground so that the umbrella stands up without further external support and forms a convenient shade in hot weather.

The invention has for its object the provision of a detachable and adjustable curtain which can be easily attached to or detached from the umbrella, and which can be adjusted to form either a complete enclosure of the space under the umbrella, or an enclosure of the upper part of such space only, and which further can be conveniently hooked up out of the way so that the umbrella may be closed up and packed away without detaching the curtain.

The device is more clearly described by reference to the drawings which accompany and form part of this specification, and in which:

Fig. 1 shows a sectional elevation of the device, illustrating the various positions of the curtain.

Fig. 2 is an enlarged view of the outer end of one rib, showing the details of the curtain attachment.

Fig. 3 is an enlarged view of part of the stem and the inner end of one strut showing the details of the curtain attachment.

In these drawings 4 represents the stem or shaft of the umbrella which is pushed into the ground or sand at the location desired after the umbrella has been opened. One of the main ribs is shown at 5, kept in position by the strut 6, the inner end of which is hinged to the sleeve 7, the latter being retained in position by the spring stop 8.

Near the outer end of each rib 5 is formed or clipped a lug attachment 9 in which is inserted a hook 10, and near the inner end of each strut 6 is a similar attachment 11 in which is inserted a hook 12.

Thus when the umbrella is opened there is depending from each rib 5 a hook 10, and from each strut 6 a hook 12. These hooks are for the purpose of suspending or hooking up a curtain 13 which, when in position, extends around the space under the umbrella, reaching to the ground and converting the umbrella into a tent.

The curtain 13 has sewn upon it three rows of rings. The top rings are indicated at 14 and are horizontally spaced around the top periphery of the curtain so as to correspond in distance with the distance between two consecutive hooks 10 when the umbrella is raised.

By hooking the rings 14 into the hooks 10 the curtain is suspended by the upper edge from the ends of the ribs 5 and thus encloses the space under the umbrella shade. A second row of rings 15 is sewn to the curtain at a certain distance below the first row and horizontally spaced similarly to those shown at 14.

The vertical distance between the rows 14 and 15 is approximately equal to, and must not be less than, the radial distance between the hook 10 on any one umbrella rib 5 and the hook 12 on the corresponding strut 6.

A third row of rings 16 is sewn along the bottom edge of the curtain and horizontally spaced similarly to the rows 14 and 15. The rings 16 can be secured to the ground if desired by pegs 20.

If it is desired to raise the curtain partially, the pegs 20 are withdrawn and the curtain turned up inwardly, each ring 16 being hooked up to the hook 10 on the rib above it, the curtain thus assuming the position shown at 17 in Fig. 1, and if it is further desired to completely raise the curtain, the rings 15 are then placed in the hooks 12, the curtain then assuming the position shown dotted at 18 in Fig. 1.

It is thus possible to completely enclose the space under the umbrella by pegging the curtain 13 to the ground, to enclose the upper part of the space only, by hooking the curtain up as shown at 17 in Fig. 1, or to open the space under the umbrella entirely by hooking the curtain up as shown at 18 in Fig. 1.

By suitably arranging the position of the rings 15, and by using a light fabric for the curtain, the umbrella may be closed with the curtain in position 18, thus rendering it un-

necessary to unhook and roll up the curtain separately.

Having now particularly described my invention, what I claim and desire to be protected in by Letters Patent, is:

A combination umbrella tent comprising, a entre pole having a spear pointed lower extremity, an umbrella framework including notches fixed and slidable on said pole, the said slidable notch being below said fixed notch, pivotal hooks corresponding in number with the ribs of said framework and being in alignment therewith, hooks on the outer extremity of each said rib, a circumferential vertical curtain supported from the last said hooks, the vertical height of said curtain being substantially equal to the diameter of the said framework, attaching means around the top edge, the bottom edge and the middle of said curtain at spaced intervals corresponding with and in vertical alignment with the said ribs, whereby said curtain may be hooked upon both the said central and the said peripheral hooks.

In testimony whereof I affix my signature.

WILLIAM H. WELLS.