(Model.)

S. B. BARTINE.

SUNSHADE HAT.

No. 276,753. Patented May 1, 1883.

fig. 1.

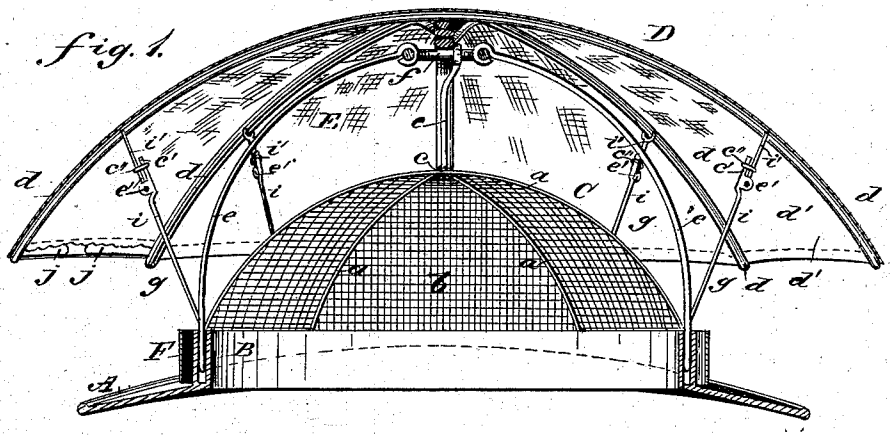


fig. 2.

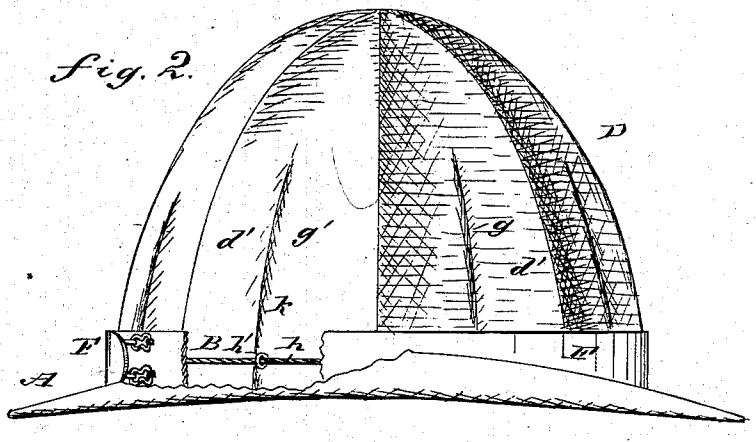


fig. 3.

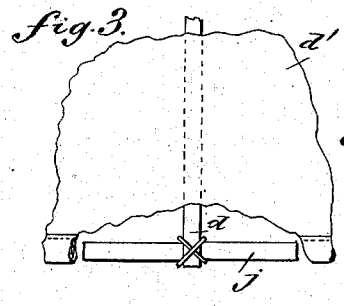


fig. 4.

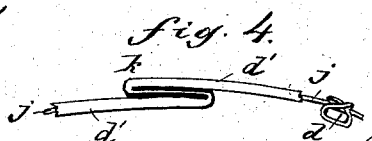


fig. 5.

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UNITED STATES PATENT OFFICE.

STEPHEN B. BARTINE, OF TOTTENVILLE, NEW YORK, ASSIGNOR OF ONE-FOURTH TO WILLIAM T. BROWN, OF SAME PLACE.

SUNSHADE-HAT.

SPECIFICATION forming part of Letters Patent No. 276,753, dated May 1, 1883.

Application filed July 13, 1882. (Model.)

To all whom it may concern:

Be it known that I, STEPHEN B. BARTINE, of Tottenville, in the county of Richmond and State of New York, have invented a new and Improved Sunshade-Hat, of which the following is a full, clear, and exact description.

My invention consists of a hat or cap having an umbrella-like sunshade, and of the construction of the hat whereby it is adapted to be conveniently expanded to shade and to allow free circulation of air about the head of the wearer, and easily collapsed, so as to present the general appearance of an ordinary hat or cap.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective sectional elevation of my new and improved sunshade-hat as it appears with the sunshade open. Fig. 2 is a broken perspective view of the same as it appears with the sunshade closed. Fig. 3 is a detailed sectional view, showing the folding plates at the ends of the ribs of the sunshade. Fig. 4 is a detailed broken edge view of the shade, showing the position of the said plates when the shade is folded; and Fig. 5 is a detailed view, showing a modification of the sunshade-braces.

A represents the brim of the hat, and B represents the main or inner band portion of the hat. Rising from this inner band portion, B, is the inner skeleton crown, C, which is composed of the curved reeds, wires, or rods *a a*, secured at their ends in any suitable manner in the band portion B, and crossing each other in the center at the top of the crown C, where they are all tied together, as shown at *c*. This inner crown is by preference covered with the netting or other thin fabric, *b*, to protect the head of the wearer from dust, flies, &c., when the sunshade D is raised.

Above the crown C is the outer crown, E, composed of the curved reeds, wires, or rods *e e*, attached at their lower ends to the band portion B and at their inner upper ends to the ring *f*; and to this outer crown is secured the sunshade D, which is composed of the reeds, wires, or rods *d d*, secured by tying or otherwise to the ring *f*, so as to stand out like the ribs of an umbrella, and the covering *d'*, of some quite heavy textile material.

g g represent supporting-braces, hinged to the ribs *d d* and to the band portion B of the hat, for holding the sunshade D spread or expanded. These braces may be of various constructions. In Fig. 1 they are shown each made up of the two parts or sections *i* and *i'*, which are hinged together, as shown at *c'*. The outer ends of the sections *i* are extended, as shown at *c'*, Fig. 1, and these extended portions are adapted to lap upon the sections *i'*, so that when the shade is spread the rings or keeper *c''* placed upon the sections *i'* may be moved down over the said extensions for holding the sections in line with each other, for bracing the ribs *d* up and holding the shade open. Upon shoving the rings or keepers *c''* off from the extensions *c'* the joints of the sections of the braces will permit the shade to be collapsed or drawn down, so as to present the appearance of an ordinary hat, as shown in Fig. 2. This drawing down or collapsing of the shade is done by means of the draw-cord *h*, which is passed around the hat through the rings *h'*, secured to the ribs *d d*, as shown in Figs. 2 and 5, near their lower or outer ends. When the shade is collapsed this draw-cord is to be tied for holding the ribs *d* down. Around the hat is then buckled or tied the outer band, F, which covers the cord *h*, the rings *h'*, and the lower edge of the shade, and gives a finished appearance to the hat.

Placed in a suitable hem, formed at the outer edge of the covering *d'*, are the short plates *j*, one for each rib *d* of the shade, and these plates are tied to the outer ends of the ribs *d*, and are for the purpose of causing the covering *d'* to form even and regular folds between the said ribs when the shade is collapsed, as shown at *k k* in Figs. 2 and 4, so that no trouble will be experienced in properly collapsing the shade so that it will lie smooth and present a nice appearance. These plates also serve to hold the edge of the covering *d'* out straight and to prevent it from sagging between the ribs when the shade is open.

Instead of forming the braces for supporting the shade open, as above described, and as shown in Fig. 1, they may be formed of the wires *g'*, which are bent to form the eye *h''*, which

surrounds the wires *e* of the crown E, and so as to form the diverging arms *j' j'*, the outer ends of which are pivoted to the ribs *d*, as shown in said figure. The ribs *e* are formed with the notches *p*, so that when these supports or braces are shoved up upon the wire *e* the loops *h''* will drop into the notches *p*, and thus support and hold the shade open, as will be clearly understood from Fig. 5. In order to collapse the shade with this sort of brace, it is only necessary to lift the loops *p* out of the bends or notches *p'*, so that the loops will be free to slide on the ribs above the said loops or notches, and thus permit the ribs to be brought down to the band of the hat by pulling upon the cord *h*, as will be clearly understood from the drawings.

Instead of using the draw-cord *h* for drawing and holding the shade collapsed, suitably-arranged buttons and button-holes may be used for that purpose, and a separate piece of cloth may be attached to the inner crown, C, above the netting *b*, formed so that it may be buttoned down over the netting, if desired, to fully protect the wearer's head from dust, &c., when the shade is raised.

The brim and inner band of the hat may be that of an old hat with the crown cut out; or they may be made on purpose for the attachment of the sunshade.

Thus constructed, it will be seen that the hat is adapted for both hot and cold weather. When the sunshade is raised it shades the head, and permits free circulation of air over and above the top of the head of the wearer, and when closed the hat protects the head the same as an ordinary hat and presents the same appearance. Furthermore, the hat can be changed from one shape to the other without much trouble or delay, and the hat is light and comfortable to the head.

It will be observed that the inner crown, C, has no connection with the outer crown, E, or the sunshade D, and might therefore be omitted from the hat, if desired, and not depart from the spirit of my invention.

Instead of having the ring *f* in the crown E, the wires *e* may be made continuous, so as to pass entirely over the crown the same as in the case of the crown C, all of the wires being tied together in the center, the same as at *c* in the crown C.

I am aware that it is not new to connect a head-band with the center of a shade by cords and with the ribs by metallic braces; but

What I do claim as new and of my invention is—

1. In a hat, the combination, with the brim A and band B, of the crossing rods, reeds, or wires *a*, secured at the ends in said band, tied at their junction *c*, and covered with a fabric or netting, *b*, as shown and described.

2. The combination, with a hat having the band B and crossing-wires tied at *c*, of the rods, reeds, or wires *e*, attached at their lower ends to the band and their upper ends to the ring *f*, and the sunshade D, secured to said ring, as shown and described.

3. In a hat, the combination, with the ribs or wires *e*, formed with the bends or notches *p*, of the supports *g'*, formed with the arms *j' j'*, pivoted to the ribs *d*, and adapted to slide upon the said ribs or wires *e*, substantially as and for the purposes set forth.

4. The ribs *d d* of the sunshade D, having the plates *j* secured to them, substantially as and for the purposes set forth.

5. The combination, with the ribs *d*, having the plates *j*, adapted to fold the covering *d'* of the sunshade, of the draw-string *h*, substantially as and for the purposes set forth.

STEPHEN B. BARTINE.

Witnesses:
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