

Nov. 22, 1932.

A. B. CROSTHWAIT

1,888,909

CANOPY

Filed July 1, 1931

3 Sheets-Sheet 1

Fig. 1.

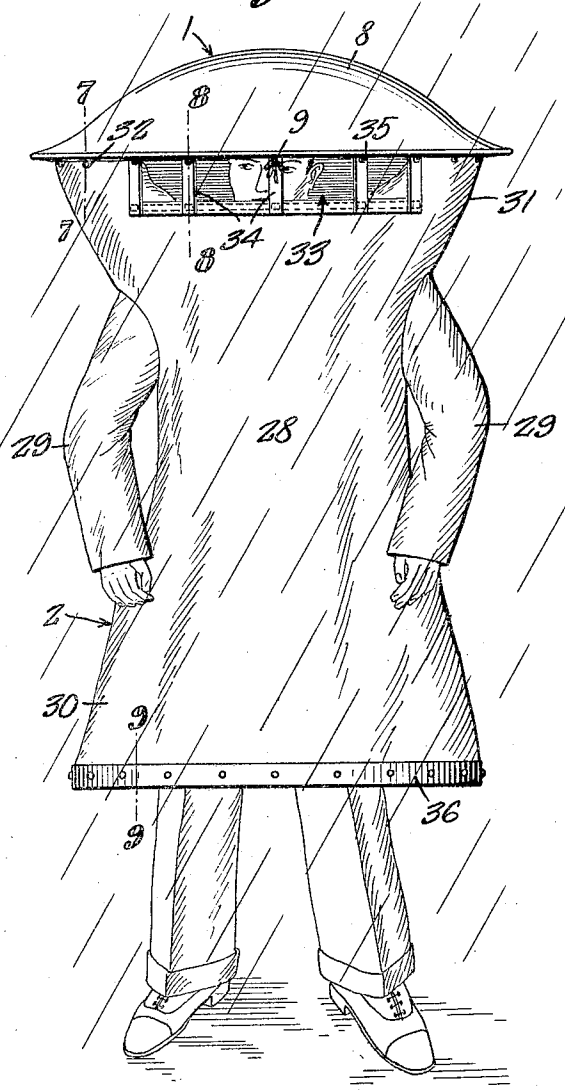


Fig. 7.

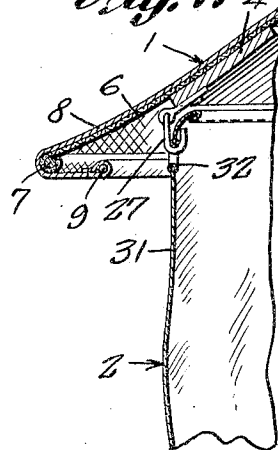


Fig. 8.

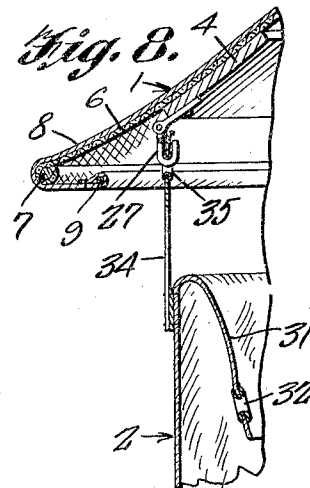
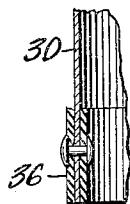


Fig. 9.



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3 Sheets-Sheet 2

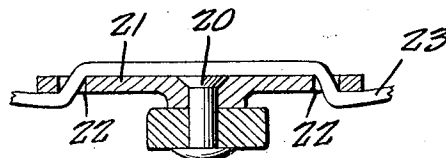
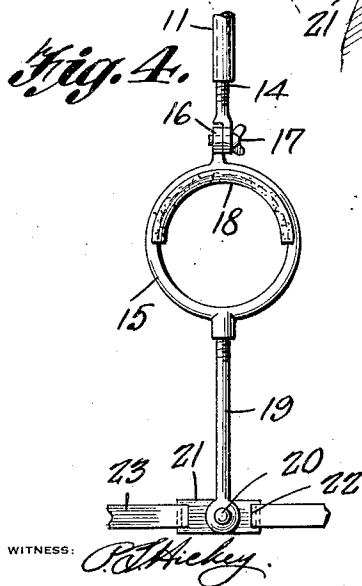
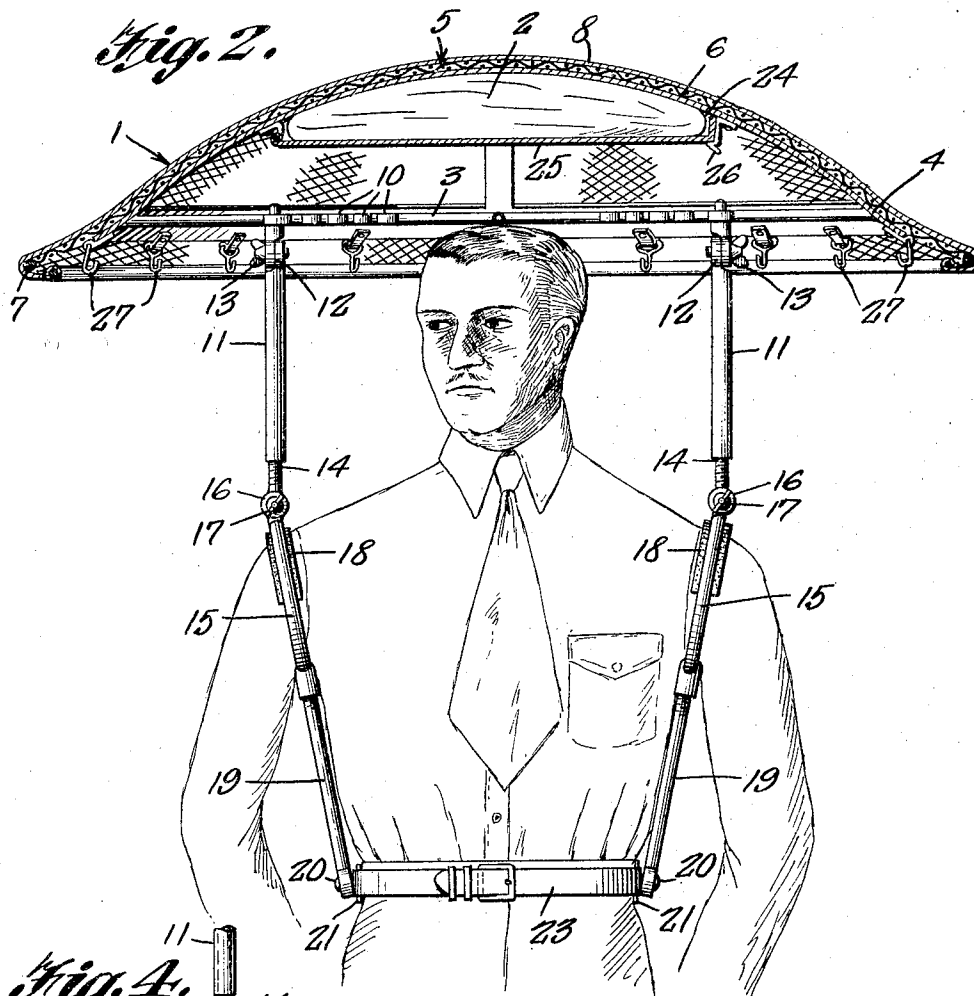


Fig. 5.

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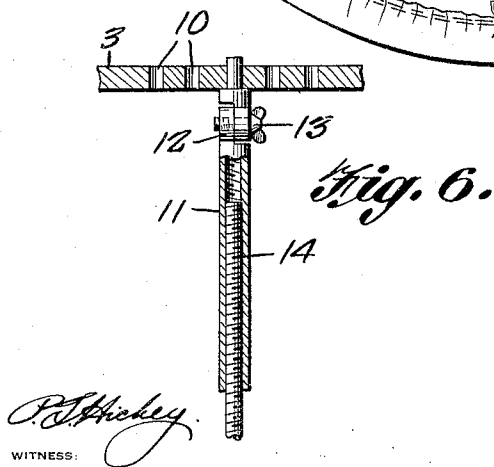
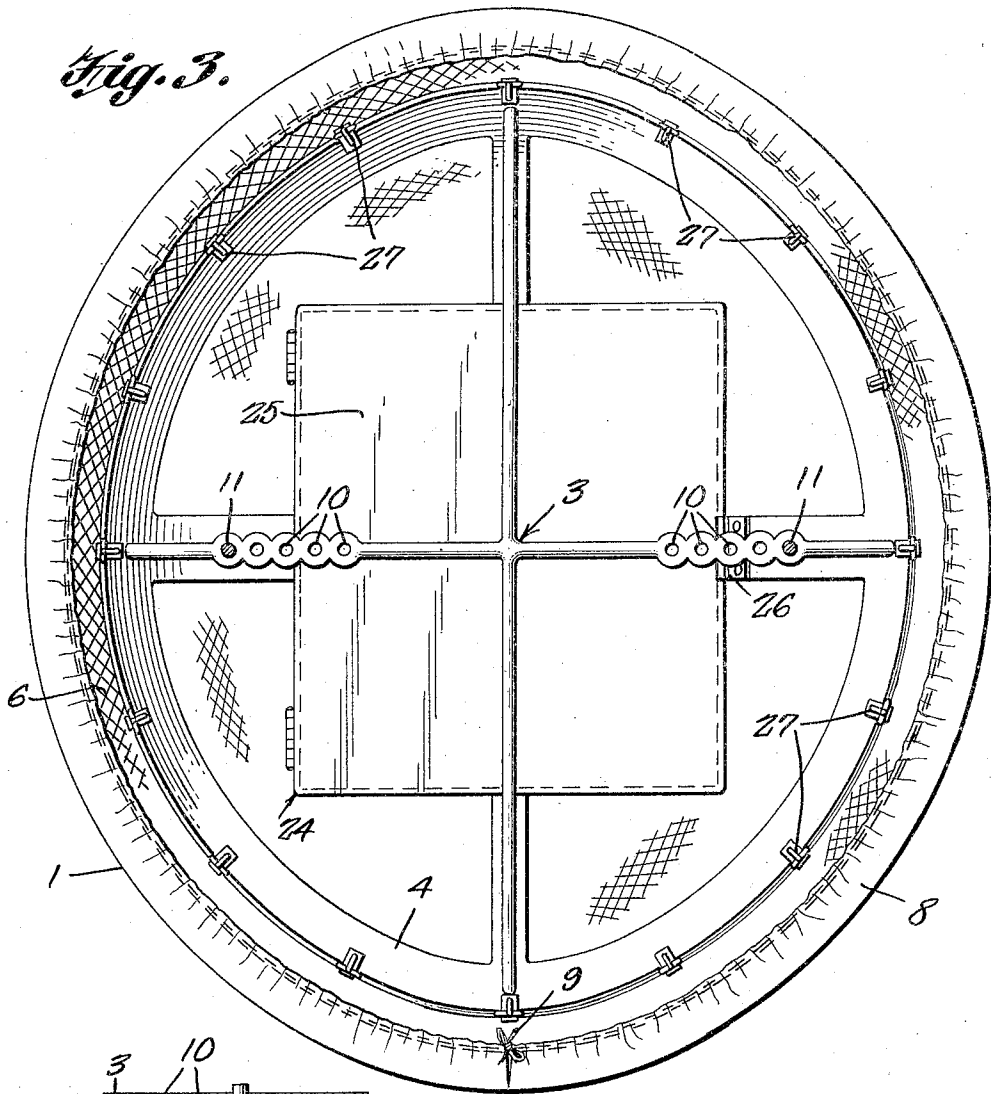
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3 Sheets-Sheet 3



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UNITED STATES PATENT OFFICE

ASA B. CROSTHWAIT, OF SAN ANTONIO, TEXAS

CANOPY

Application filed July 1, 1931. Serial No. 548,222.

This invention relates to garments and has for the primary object, the provision of a device of the above stated character especially adapted for protecting a person from weather elements or may be employed for shielding a person from sun rays with a maximum ventilation.

Another object of this invention is the provision of means for supporting the head cover or canopy to the body of the wearer, leaving the head free of weight and fully shaded and protected thereby and is capable of adjustment to permit the angle of the canopy to be varied and also to permit the canopy to be adjusted toward and from the head of the wearer or laterally thereof.

With these and other objects in view, this invention consists in certain novel features of construction, combination and arrangement of parts to be hereinafter more fully described and claimed.

For a complete understanding of my invention, reference is to be had to the following description and accompanying drawings, in which

Figure 1 is a front elevation illustrating a garment constructed in accordance with my invention.

Figure 2 is a sectional view illustrating the garment arranged as a sun shield and worn by a person.

Figure 3 is a bottom plan view illustrating the hat.

Figure 4 is a detail view illustrating the shoulder engaging member.

Figure 5 is a detail sectional view illustrating the connection between one of the supporting members and the belt.

Figure 6 is a detail sectional view illustrating the adjustment of one of the supporting members as to length and its adjustment relative to the hat.

Figure 7 is a detail sectional view illustrating the connection between the hat and the garment taken on the line 7—7 of Figure 1.

Figure 8 is a detail sectional view illustrating a modified form of securing means between the garment and the hat.

Figure 9 is a fragmentary sectional view taken on the line 9—9 of Figure 1.

Referring in detail to the drawings, the numeral 1 indicates a hat adapted to form a shield against sun rays as well as a protector against weather elements when worn by a person as shown in Figure 2. As shown in Figure 2 the hat 1 is of considerable size so that when worn by a person it will project a considerable distance from the person to efficiently shield against weather elements or sun rays and when worn in conjunction with the garment 2 the person will be efficiently protected against rain and other weather elements and still have freedom of movement and the weight of the device supported by the body of the person.

The hat 1 is constructed from cross bars 3 connected at their outer ends by an annular portion 4 on which is mounted the body portion 5 of the hat. The body portion is preferably constructed from wire mesh 6 that projects beyond the annular portion 4 and reinforced by a member 7 to form a brim to the hat. A cover 8 is placed over the wire mesh as shown in Figure 2 and the edges thereof are provided with a draw string 9, whereby the covering may be secured over the hat frame in a taut condition and capable of being moved therefrom when desired. The covering 8 is constructed from a suitable water proof material. The hat is of substantially dome shape in cross section and one of the bars 3 is provided with series of relatively spaced openings 10 to receive the upper ends of supporting members 11. The supporting members 11 are provided with hinged joints 12 having wing nuts 13 whereby the hat may be tilted. The upper ends of the supporting members 11 are reduced to extend into the openings 10 and by adjusting the supporting members 11 from one opening to another, the hat may be adjusted laterally in either direction relative to the wearer. The supporting members 11 each include a pair of sections threaded together as shown at 14 whereby said members may be adjusted as to their lengths.

Shoulder rings 15 are secured to the supporting members 11 by hinge joints 16 similar in construction to the hinge joints 12 and provided with adjusting nuts 17. The shoulder

rings 15 are provided with pads 18 to engage over the shoulder of the wearer when the arms are extending through the shoulder rings 15 as shown in Figure 2. Attaching members 19 are formed on the shoulder rings 15 and their lower ends are mounted on pins 20 carried by plates 21. The plates 21 are provided with slots 22 to receive a waist belt 23 which when fastened about the waist of the wearer supports the plates 21 on the hips of the wearer directly under the shoulders. Thus it will be seen that the hat is entirely supported by the shoulders and waist of the wearer, leaving the head free of weight and also the arms of the person free for use. Further it is to be noted that the hat may be tilted relative to the wearer by the joints 12 and also may be adjusted laterally in either direction by changing the position of the supporting arms 11 on one of the bars 3.

A chamber 24 is formed in the hat and is provided with a hinged cover 25 held in a closed position by a spring catch 26. The garment 2 when not worn may be folded and placed within the chamber 24. A plurality of hooks 27 are carried by the portion 4 of the frame of the hat and arranged inwardly of the brim of the hat and are employed for detachably connecting the garment 2 to the hat when worn by the person.

The garment 2 includes a body portion 28 having sleeves 29 and a skirt 30. The upper part of the body portion 28 is enlarged or flared to form a face and head encircling portion 31 having a series of eyelets to receive the hooks 27 as shown at 32 in Figure 7. The upper edges of the portion 31 after being applied to the hooks 27 are curved inwardly under the hat 1 and the portion 31 is provided with a window 33 arranged in front of the wearer's face and is closed by a suitable transparent material so that the wearer may have clear vision when wearing the garment for protection.

As shown in Figure 8, the garment may have a plurality of straps 34 attached below the upper edge thereof and provided with eyelets 35 to receive the hooks 27. With the eyelets of the garment disconnected from the hooks, said garment may be folded downwardly and supported by the straps 34, uncovering the face and neck of the wearer when the wearer desires additional ventilation.

The lower edge of the skirt 30 is bound by inner and outer annular members 36 riveted or otherwise secured to the garment for the purpose of supporting the skirt in a flared condition so that the water draining from the skirt will be outwardly of the legs and feet of the wearer. The reinforcing elements 36 may be constructed of rubber or any other material suitable for the purpose.

While I have shown and described the preferred embodiment of my invention, it will

be understood that minor changes in construction, combination and arrangement of parts may be made without departing from the spirit and scope of my invention, as claimed.

Having thus described my invention, what I claim is:

1. A canopy comprising rigid shoulder engaging portions, rigid depending members on said shoulder portions, a waist belt connecting said depending members, vertically disposed adjustable members adjustably secured to said shoulder portions and having reduced free ends, a bar having a series of openings to receive the reduced ends of the vertical members, a frame on said bar, and a covering carried by the frame.

2. A canopy comprising rigid annular shoulder engaging portions adapted to have a person's arms extending therethrough with the shoulder portions resting upon the shoulders of a person, rigid depending members on said shoulder portions, a waist encircling belt connecting said depending members, vertically disposed members adjustably secured to the shoulder portions and each adjustable as to length and each including adjustably connected sections with one of the sections of each vertical member reduced, a bar having a series of openings to receive the reduced portions of the vertical members, a frame carried by said bar, and a covering carried by the frame.

In testimony whereof I affix my signature.

ASA B. CROSTHWAIT.