Jan. 20, 1959 R. B. DRUMMOND 2,869,132

PROTECTIVE HOOD

Filed May 17, 1956

FIG. 1.

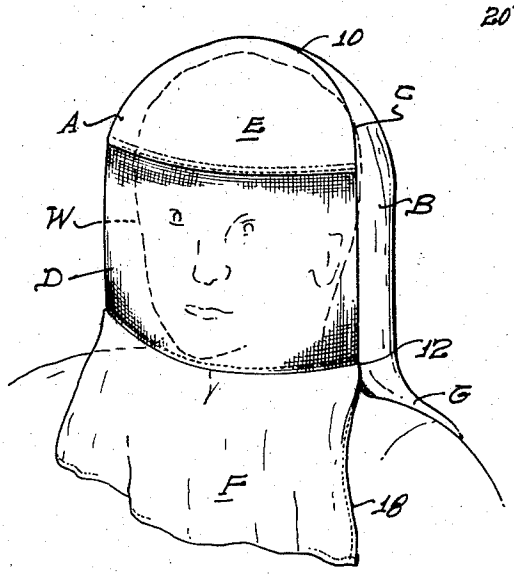

FIG. 4.

FIG. 2.

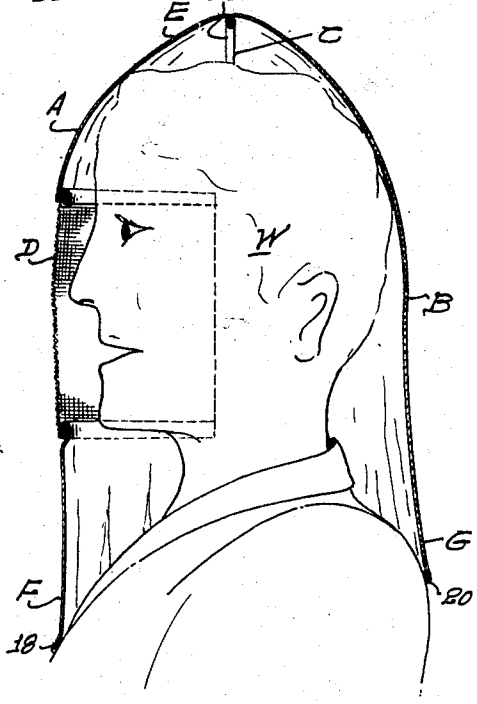

FIG. 3.

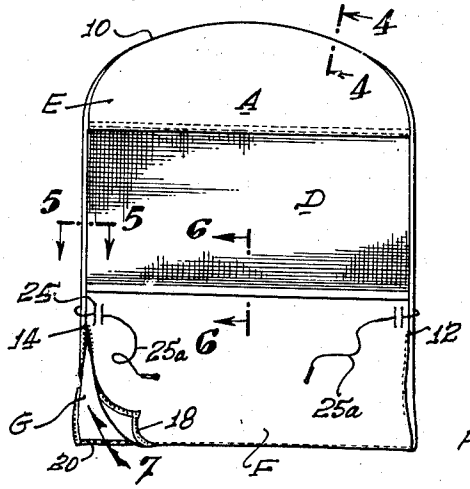

FIG. 7.

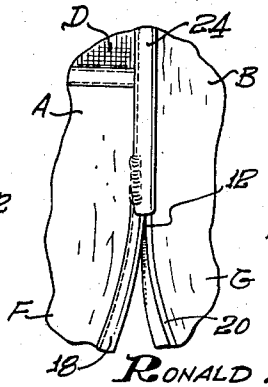

FIG. 8.

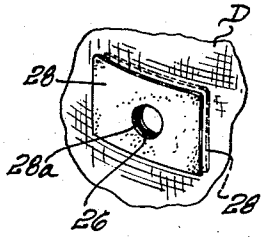

FIG. 5.

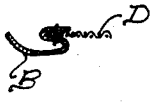

FIG. 6.

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PROTECTIVE HOOD

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1 Claim. (Cl. 2—4)

The present invention relates generally to the field of sporting accessories, and more particularly to a pliable protective hood, which when disposed over the head and shoulders, affords protection from mosquitoes, insects, and other pests.

The primary purpose in devising the present invention is to provide a pliable, lightweight protective hood which may be worn without discomfort during the day as well as when sleeping, and one which is not uncomfortable in hot weather due to the large screened area embodied therein that permits circulation about the face, head and shoulders, yet provides protection in these areas from flying insects and other pests.

Other objects of the invention is to provide a washable, protective hood that permits full vision by the wearer, protects the back of the neck from sunburn, can be folded and carried in a pocket, may be worn with or without a hat or cap, and with the lower portion of the hood being adapted to be tucked within the upper confines of a shirt or jacket or outside thereof at the option of the wearer, as well as permitting the wearer to smoke.

Yet another object of the invention is to provide a protective hood of an extremely simple structure that requires no elaborate plant facilities for its production, can be fabricated from standard commercially available materials, and be retailed at a sufficiently low price as to encourage widespread acceptance thereof by sportsmen, bee keepers, and others as protection against flying insects and other pests.

These and other objects and advantages of the invention will become apparent from the following description of a preferred form thereof when taken in conjunction with the accompanying drawings illustrating that form in which:

Figure 1 is a front perspective view of the invention shown mounted in a protective position on the wearer;

Figure 2 is a side elevational view of the device disposed on the wearer;

Figure 3 is a front elevational view of the device in a collapsed position;

Figure 4 is a fragmentary vertical cross-sectional view of the device showing the upper seam construction taken on line 4—4 of Figure 3;

Figure 5 is a fragmentary horizontal cross-sectional view of a seam portion of the device taken on line 5—5 of Figure 3;

Figure 6 is a fragmentary vertical cross-sectional view of the device taken on line 6—6 of Figure 3;

Figure 7 is a fragmentary elevational view of the lower portion of the device showing the flap construction in detail; and

Figure 8 is a fragmentary perspective view of a portion of the protective screen showing an access opening to permit smoking by the wearer.

Referring now to the drawings for the general arrangement of the invention, it will be seen to comprise a front piece A and rear piece B which are joined at

the curved tops thereof and partially along the sides by a seam C, as may best be seen in Figures 1 and 2.

The front piece A, as best shown in Figures 2 and 3, is formed in three sections with an intermediately disposed rectangular deformable screen D constituting the center section. Screen D is sufficiently long and possesses sufficient rigidity that it can bow outwardly without buckling as shown in Figure 2. The top section E is fabricated of a cloth material, such as a washable poplin, or the like, which extends upwardly from the screen D to terminate in a curved edge **10**, and the lower section F of the same cloth material is of a generally rectangular shape that depends from the lower edge of the screen to serve as a loose flap, the purpose of which will hereinafter be explained.

The rear portion B, as may be seen in the collapsed view of the device shown in Figure 3, is of the same over-all shape and size as front piece A but is preferably formed of a single piece of cloth material of the same type used in the fabrication of the front piece A, with the lower section G thereof which acts as a flap being generally rectangular in shape and freely movable relative to the flap F.

Seam C (Figures 1 and 2) extends from a point **12** on one side to a point **14** on the other, which points are disposed slightly below the lower edge of screen D. The flaps F and G below points **12** and **14** are not joined together, but are free relative to one another and fit over the shoulders of the wearer as shown in Figure 1. The edges of flaps F and G are finished in hems **18** and **20** to prevent tearing or fraying thereof. Seam C is preferably formed by bringing edge portions **20** and **22** of front piece A and rear piece B, respectively, into contact with one another, and binding same with bias tape **24** sewn onto these edge portions for reinforcing purposes in the manner shown in detail in Figure 4. The screen D is preferably affixed to the upper section E, flap F and the rear piece B by a felled seam construction as shown in detail in Figures 5 and 6.

The hood construction as above described may be collapsed into a substantially flat shape (Figure 3) and is sufficiently long for it to assume the curved configuration shown in Figures 1 and 2 when the hood is disposed in a protective position on the wearer W. It will be particularly noted that while the screen D is sufficiently resilient to assume such curvature whereby the device may be worn comfortably when the wearer is sleeping, the screen also has sufficient structural rigidity to hold the upper portion of hood partially away from the head to allow for circulation of air within the confines thereof. The height of the upper portion of the invention relative to the upper portion of the head of the wearer W is, of course, dependent upon the height of the screen relative to the points **12** and **14** which rest on the wearer's shoulders.

The two flaps F and G are shown in Figure 1 as depending down over the chest and back of the wearer and over his clothing. However, should it be desired, these flaps can be tucked within the neck portion of the shirt or jacket being worn (not shown), with the flaps occupying relatively the same position as shown in Figure 1. Although from experience it has been found that the material defining the flaps F and G is sufficiently heavy as to cause them to at all times occupy the proper depending position as shown in Figure 1, it may be desirable under certain circumstances to provide a drawstring **25***a* that is slidably mounted in slits **25** formed in the device above the flaps F and G but under the screen D. When tightened, the drawstring, of course, draws the lower portion of the invention into snug engagement with the neck of the wearer. The use of the drawstring eliminates any possibility of

insects entering the confines of the hood when the wearer is in a stooped position, whereby one of the flaps may temporarily expose the neck portion.

As a modification of the invention, an opening **26** may be formed in the screen in which a cigarette, cigar or pipe may be disposed for smoking when the hood is in a protective position on the wearer W. Two strips of a sheet material **28** such as adhesive tape are affixed to the surface of the screen D, in which strip openings **28***a* are formed that are in alignment with the opening **26**. The strips **28** serve to reinforce the screen area around the opening **26** to prevent fraying or breaking thereof.

The use and operation of the invention has previously been described in detail and need not be repeated herein.

Although the protective hood herein shown and described is fully capable of achieving the objects and providing the advantages hereinbefore mentioned, it is to be understood that it is merely illustrative of the presently preferred embodiment thereof and that I do not mean to be limited to the details of construction herein shown and described other than as defined in the appended claim.

I claim:

A full vision head protective device capable of being worn and slept in that envelops at least the head of the wearer with a substantial portion thereof being out of contact therewith, including: a one-piece rear cloth section defined by a first upper portion having a convex curved upper edge, and a lower portion that flares outwardly to serve as a first protective flap; a three-piece forward section comprising a second upper cloth portion having a convex curved upper edge, a lower portion that flares outwardly to serve as a second protective flap, and a resilient pest impervious screen intermediately disposed between said second upper portion and said second flap; a reinforced seam of appreciable rigidity joining the adjacent edges of said first and second upper portions; and means bonding the side edges of said screen to the complementary side edges of said first upper portion, with the rigidity of said seam and the resiliency and length of said screen cooperating to induce and sustain at least a part of the upper portion of said first and second sections out of contact with the wearer's head and the entire screen out of contact with the face.

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