

Jan. 9, 1945.

D. COPE

2,367,006

HEAD PROTECTOR

Filed Sept. 25, 1942

2 Sheets-Sheet 1

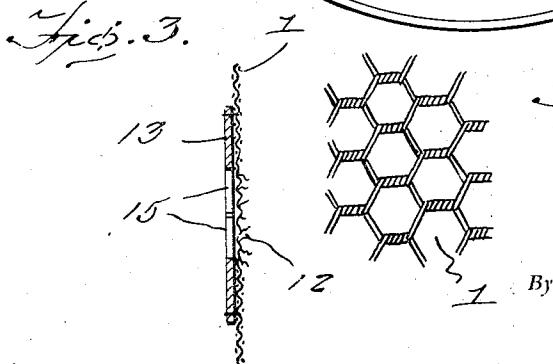
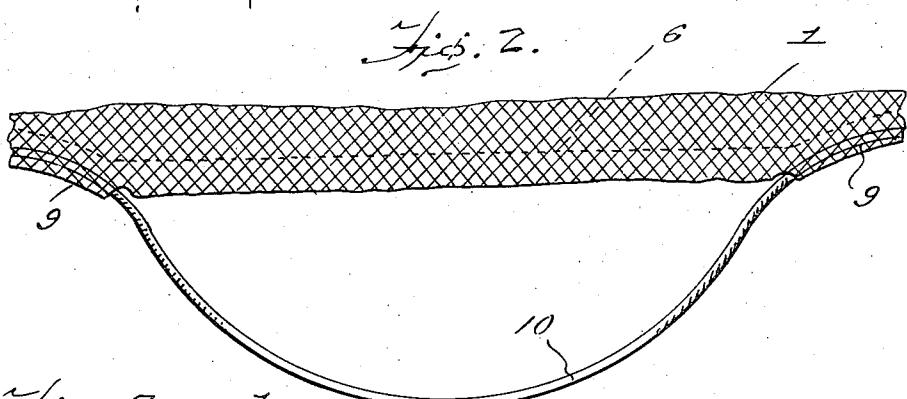
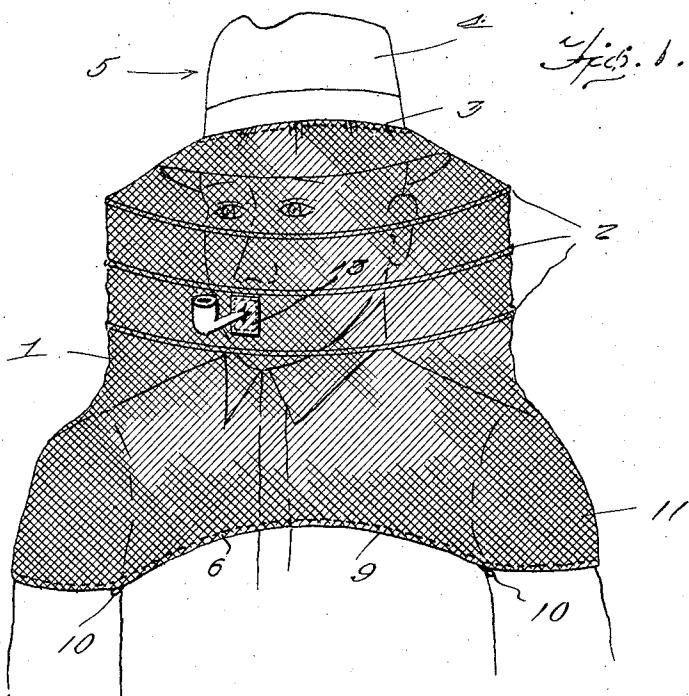


Fig. 4.

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2 Sheets-Sheet 2

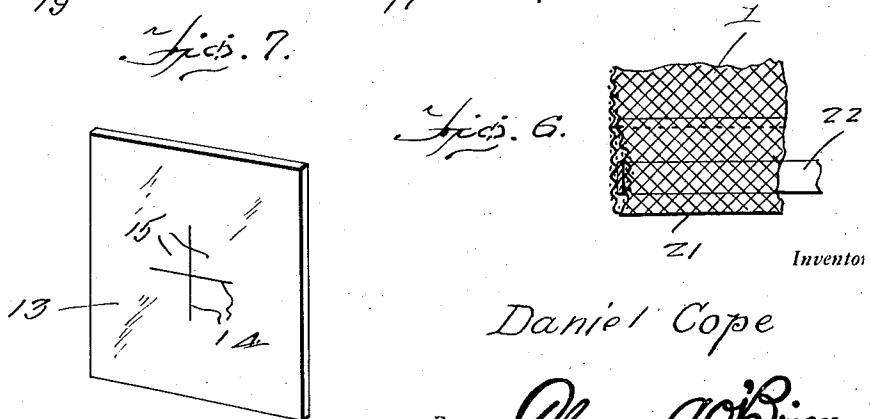
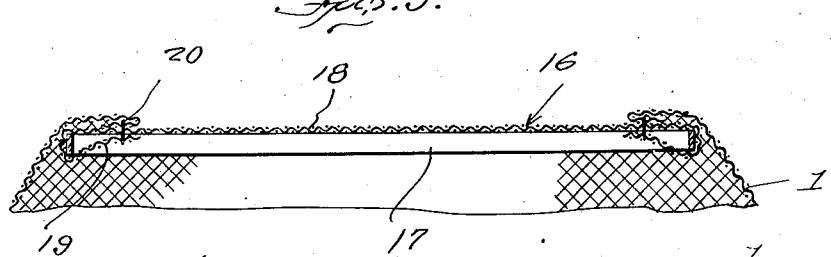
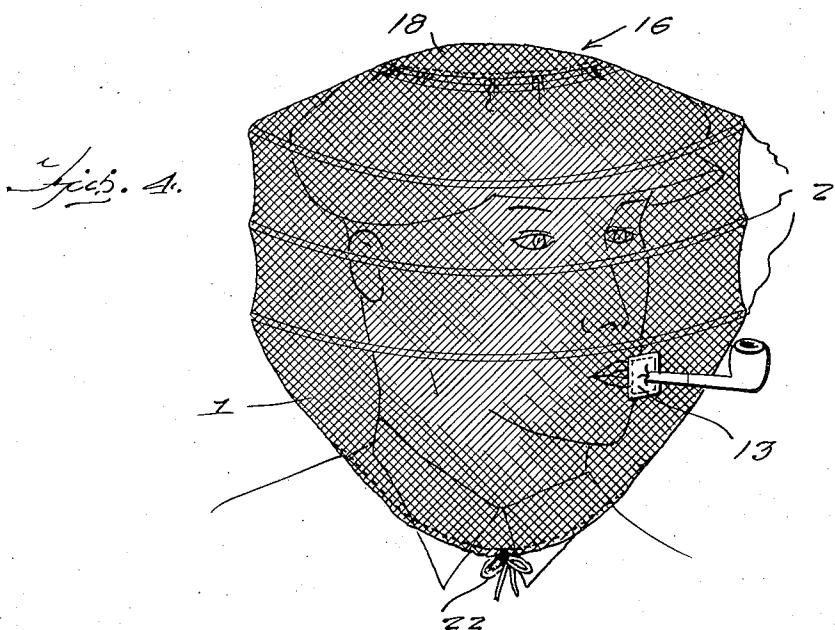


Fig. 6.



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UNITED STATES PATENT OFFICE

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HEAD PROTECTOR

Daniel Cope, Philadelphia, Pa.

Application September 25, 1942, Serial No. 459,687

1 Claim.

The present invention relates to new and useful improvements in head protectors, and has for its primary object to provide, in a manner as hereinafter set forth, a device of this character which is adapted to repel all insects, both large and small.

Another very important object of the invention is to provide a head protector of the aforementioned character which will permit the smoking of a pipe while in use.

Still another very important object of the invention is to provide a protector of the character described which incloses the head and shoulders and which comprises novel means for securing the lower portion of the device around the body.

Other objects of the invention are to provide a head protector of the character described which will be comparatively simple in construction, strong, durable, highly efficient and reliable in use, compact, light in weight, and which may be manufactured at low cost.

All of the foregoing and still further objects and advantages of the invention will become apparent from a study of the following specification, taken in connection with the accompanying drawings wherein like characters of reference designate corresponding parts throughout the several views, and wherein:

Figure 1 is a view in front elevation of a protector constructed in accordance with the present invention, showing the device in use.

Figure 2 is a view in side elevation of a lower portion of the device.

Figure 3 is a view in vertical section through the smoking pipe accommodating means.

Figure 4 is a view in front elevation of another form of the device.

Figure 5 is a vertical sectional view through the top portion of the modification.

Figure 6 is a fragmentary view in vertical section through the lower portion of the modification.

Figure 7 is a detail view in perspective of the self-closing smoking pipe closure.

Figure 8 is a fragmentary view on a greatly enlarged scale of the fabric from which the cover is made.

Referring now to the drawings in detail, and to Figures 1, 2 and 3 thereof in particular, it will be seen that reference numeral 1 designates a substantially circular bobbinet cover. At an intermediate point, the cover 1 has secured therein a plurality of spaced rings 2 of suitable flat, resilient material. The upper end of the cover

1 is gathered and provided with a hem which accommodates an elastic band 3. The elastic band 3 is adapted to encircle the crown 4 of a conventional hat 5 for suspending the cover 1 from said hat.

The lower end of the cover 1 is turned and stitched in a manner to provide a hem 6. This lower portion of the cover 1 is adapted to encircle the upper portion of the body and the arms of the wearer. The hem 6 accommodates an elastic body encircling band 9. Intermediate portions of the elastic band 9 emerge from the hem 6 in a manner to provide loops 10. Thus, the side portions of the lower part of the cover 1 are left free, as at 11, for covering the shoulders and the upper portions of the arms of the wearer.

As best seen in Figures 3 and 7 of the drawings, the front portion of the cover 1 has formed therein an opening 12. Secured on the cover 1 over the opening 12 is a sheet of flexible rubber 13. The rubber sheet 13 has formed therein crossed slits 14 providing a pipe receiving opening, said slits defining self-closing flaps 15 for the aforementioned opening.

It is thought that the manner in which the device functions will be readily apparent from a consideration of the foregoing. Briefly, the crown 4 of the hat 5 is inserted in the elastic band 3 for mounting the device on said hat. The arms are then slipped through the loops 10 and the device is pulled on over the head. The elastic band 9 firmly secures the lower end of the protector in position around the upper portion of the body and the arms of the wearer. The elastic band 9 encircles the body, leaving the side portions 11 of the cover 1 free for protecting the shoulders and the upper portions of the arms. A pipe may be conveniently smoked by inserting the stem thereof through the opening provided by the slits 14 and the opening 12. The rings 2 support the cover 1 in spaced relation to the face, neck, et cetera, of the wearer. The rings 2 being of flat, resilient material, permit the device 40 to be folded or collapsed in a manner to occupy a minimum of space when not in use.

In the modification illustrated in Figures 4, 5 and 6 of the drawings, the top of the cover 1 is closed by a crown 16 which is adapted to rest 50 on top of a hat or the head of the wearer. The crown 16 includes a flat, resilient ring 17 having mounted thereon a bobbinet cover 18. The peripheral portion of the cover 18 is turned and stitched in a manner to provide a hem 19 which 55 accommodates the ring 17. The stitches 20 which

secure the hem 19 also secure the cover 1 to the crown 16. The lower portion of the cover 1 is turned and stitched in a manner to provide a hem 21. The hem 21 accommodates a drawstring or tape 22 of suitable material.

In use, the modified device is pulled on over the head and is supported by the crown 16. The drawstring or the like 22 permits the lower end of the cover 1 to be gathered or contracted around the neck of the wearer in a manner to prevent the entrance of insects.

It is believed that the many advantages of a head protector constructed in accordance with the present invention will be readily understood, and although preferred embodiments of the device are as illustrated and described, it is to be understood that further modifications and changes in the details of construction may be resorted to which will fall within the scope of the invention as claimed.

What is claimed is:

A head protector comprising a tubular net made of uniform normal diameter from end to end

and having open upper and lower ends provided with hems, an elastic band in the hem at the upper end of the net for gathering the upper end portion of the net over the brim of the hat and the upper end of the net into snug contact with the outer surface of the crown of the hat, a plurality of vertically spaced flat resilient circular rings secured horizontally in the intermediate portion of the net to distend the latter portion outwardly beyond the brim of the hat and in spaced relation to the head of the wearer, and a second elastic band in the hem at the lower end of the net for drawing the lower end portion of the net into snug contact with the arms, back and chest of the wearer at a point in the region of a horizontal plane below the shoulders and intersecting the arm pits, short portions of said second elastic band being free of the net at opposite sides of the latter to pass between the body and arms wholly within the arm pits of the wearer.

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