March 12, 1940. L. G. COWHERD 2,193,271

SINUS CAP

Filed Aug. 11, 1939



Fig. 1.

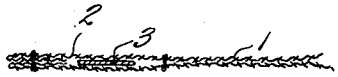


Fig. 4.

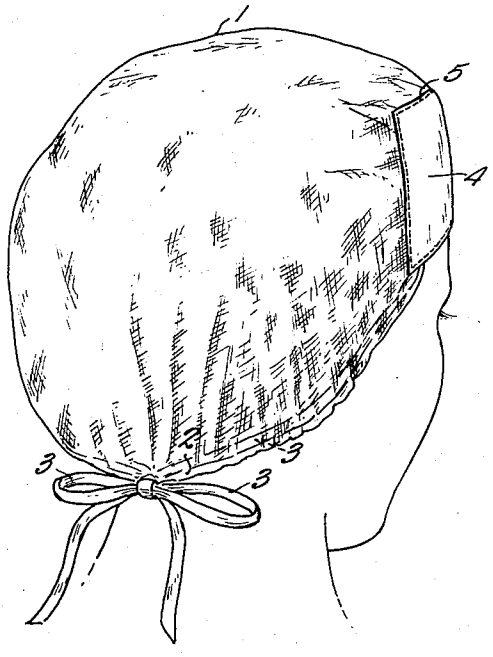


Fig. 2.

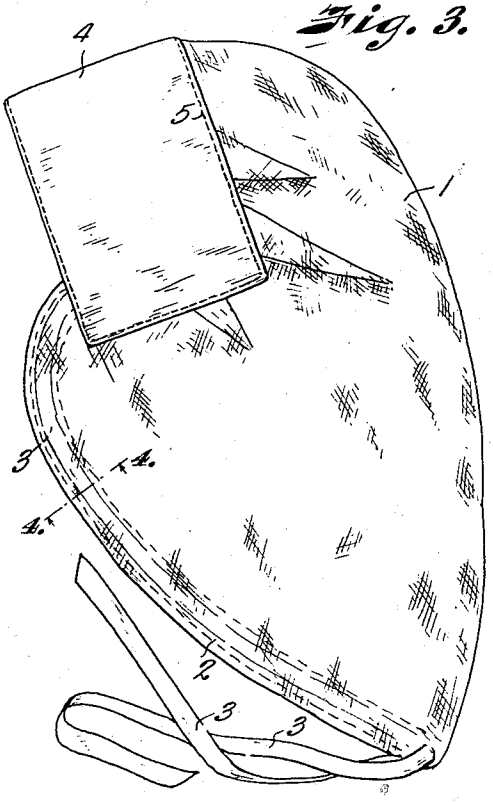


Fig. 3.

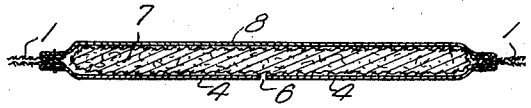


Fig. 5.

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SINUS CAP

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2 Claims. (Cl. 2—171)

My invention relates to sinus caps and more particularly to a novel cap used by sufferers from sinusitis involving the frontal sinus. Persons afflicted with sinusitis involving the frontal sinus cavity have difficulty sleeping nights in the presence of moving air. It appears that a "cold spot" develops on the forehead over the frontal sinus cavity which is annoying and painful to such an extent that sleep is difficult. This condition is especially noticeable at night and a species of insomnia may develop from it.

The protection of the forehead from drafts or moving air affords relief enabling sleep to occur.

One object of my invention is to provide a novel sinus cap which may be worn by sufferers of frontal sinusitis, which cap will protect the forehead and afford relief from "cold spots."

Another object of my invention is to provide a sinus cap which may be laundered and repeatedly used.

Another object of my invention is to provide a sinus cap which may be comfortably and snugly fitted by the wearer.

In the accompanying drawing which forms part of the instant specification and are to be read in conjunction therewith and in which like numerals are used to indicate like parts in the various views;

Figure 1 is a perspective view of a sinus cap of my invention, in place upon the head of the wearer.

Figure 2 is a rear perspective view of the sinus cap shown in Figure 1.

Figure 3 is a side elevation of the sinus cap removed from the head of the wearer.

Figure 4 is a sectional view taken along the line 4—4 of Figure 3.

Figure 5 is a sectional view of the cap taken through the line 5—5 of Figure 1.

In general, my invention contemplates the provision of a head covering comprising a supporting portion which may be fitted to the head contour and carrying a pocket portion adapted to receive a removable pad of absorbent cotton or the like. After the cap becomes soiled by contact with the natural oil in the hair, the pad may be removed and the cap laundered.

More particularly referring now to the drawing the cap proper comprises a supporting portion 1 made of a net material of any suitable character and is provided with a casing 2 through which a drawing string 3 is adapted to pass. The net material 1 is adapted to act as a head covering, as can readily be seen by reference to Figures 1 and 2. It supports a pocket portion 4 made of two pieces of fabric sewed by stitches 5 to the supporting portion. Adjacent edges 6 of the fabric pieces 4 are not sewed to the supporting portion and form a vent for the pocket, into which a pad or bat 7 of material such as cotton or the like may be inserted. The arrangement is such that the pad will not slip from the pocket when in use. The back of the pocket may be formed by a piece of fabric 8 to which the two pieces 4 are sewed along their top and bottom edges and side edge, leaving the vent 6.

In use, a pad 7 having been inserted in the pocket, the sinus cap is fitted to the head of the wearer, and the drawing string 3 drawn to secure the cap in place. The pocket portion, containing the pad, is placed over the frontal sinus. The arrangement is such that the pad will be snugly but loosely held in place and will be entirely comfortable. The frontal sinus will be protected from drafts and the "cold spot" will not develop, enabling the sinus sufferer to sleep in comfort.

It will be seen that I have accomplished the objects of my invention. I have provided a simple and convenient sinus cap which may be readily and expeditiously fitted to any human head regardless of size. Variations in head size will result in different degrees of shirring, due to the drawing of the drawing string. When the cap becomes soiled, the pad may be removed from the pocket and the cap laundered. The pocket is such that the pad will be held in place securely but may, nevertheless, be readily removed when the cap is to be washed. Obviously, if the cap were laundered with the pad in place, it would be difficult to dry and iron the cap, due to the amount of moisture the cotton pad would absorb. Furthermore, the pad would lose its texture and would then not act as a good insulator for protecting the frontal sinus.

It will be understood that certain features and subcombinations are of utility and may be employed without reference to other features and subcombinations. This is contemplated by and is within the scope of my claims. It is further obvious that various changes may be made in details within the scope of my claims without departing from the spirit of my invention. It is, therefore, to be understood that my invention is not to be limited to the specific details shown and described.

Having thus described my invention, I claim:

1. A head covering for limiting the exposure of the frontal sinus, comprising in combination a supporting portion adapted to fit the head con-

tour, fabric sewed on said supporting portion over the front thereof adapted to form a pocket with said supporting portion, said pocket being provided with an opening, a pad removably positioned in said pocket located to extend across the forehead of a wearer, said opening being of such size as to permit the passage of said pad therethrough.

2. A nocturnal head covering for limiting the exposure of the frontal sinus including in combination a fabric supporting portion fitted to the head contour; a peripheral casing formed on said supporting portion; a drawing string positioned in said casing; fabric sewed on said supporting portion and being formed with a vent; and a pad removable through said vent, positioned in said pocket portion and located to extend across the forehead of a wearer.

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