July 24, 1956 S. DORSEY 2,755,803

EYESHIELD

Filed Jan. 5, 1955

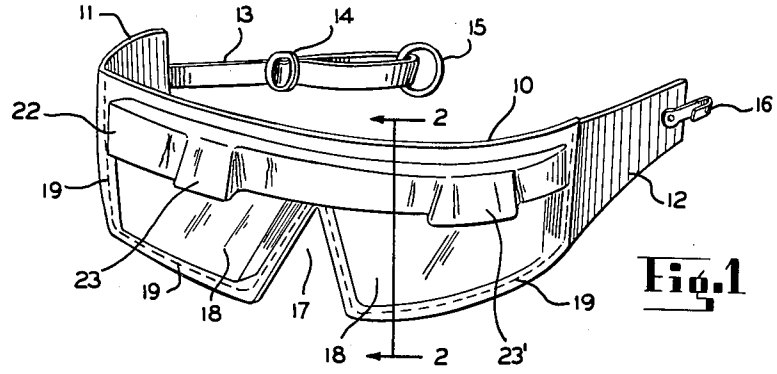


Fig. 1

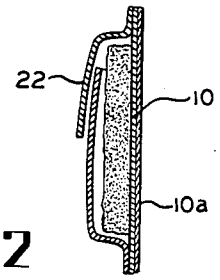


Fig. 2

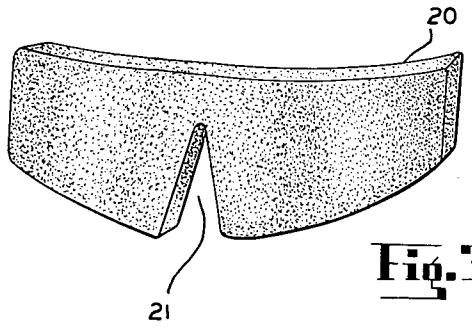


Fig. 3

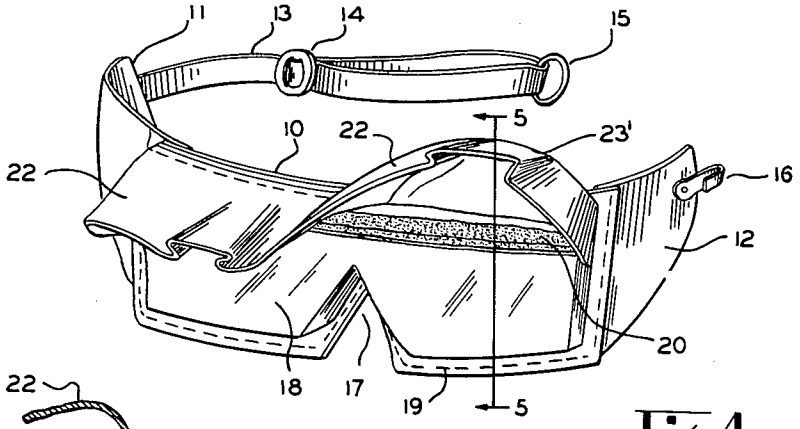


Fig. 4

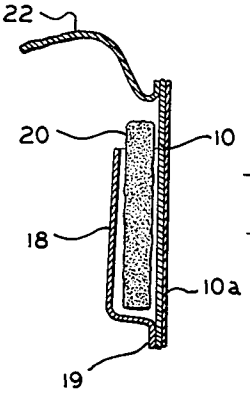


Fig. 5

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EYESHIELD

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3 Claims. (Cl. 128—254)

My invention relates to eye shields and more particularly to a type of eye shield assembly that incorporates an absorbent pad for the application of heat or cold to the eyes of the patient.

An object of my invention is to provide a device of the character described that is constructed of waterproof material and in which the heating pad or cooling pad is totally enclosed.

Another object of my invention is to provide a device that is adjustable for size to fit the wearer.

Still another object of my invention is to provide a device that is light in weight, pliable in structure and in which the pad is readily accessible for changing.

It is manifest that in the care of patients in hospitals or homes, it is at times imperative to shield the eyes of the patient from the light, and to apply either hot or cold compresses to the forehead or eyes of the patient. The device illustrated, specified and claimed herein provides a means for shielding the eyes of the patient and is constructed in a manner to provide a pocket or enclosure into which a flat absorbent sponge may be inserted, after having been saturated with hot or cold liquid, thus preventing the liquid from direct contact with the face of the patient or with the bed clothes while the eye shields are in use.

Other and further objects of my invention will become more apparent as the description proceeds, when taken in conjunction with the drawings, in which:

Figure 1 is a perspective view of the assembled device in which a sponge is enveloped within the enclosure.

Figure 2 is a cross sectional view of the device shown in Figure 1 taken at the line 2—2 thereof.

Figure 3 is a perspective view of the porous sponge, shaped to a contour to fit the enclosure.

Figure 4 is similar to the view shown in Figure 1, with the closure flap at the top in a partly raised position; and

Figure 5 is a cross section of the device taken on line 5—5 in Figure 4.

Referring now to the details of the embodiment of the invention shown in the drawings, **10** indicates a main band which is wider at its central portion and tapers at both ends where it merges into temple pieces **11** and **12**. The temple pieces **11** and **12** may be separately attached to the main band **10** as shown, or they may be integral therewith. This main band **10** may be made of a waterproof flexible material, and its inner face may be padded with flannel or the like as at **10***a* if desired, for contact with the face of the patient. One of the temple pieces **11** is provided with a band **13** which is adjustable for length by suitable means such as a buckle arrangement **14**. An eyelet **15** is on the end of temple piece **11** for engagement with a hook **16** on the other temple piece **12**.

The main band portion **10** is preferably notched or cut upwardly at the center thereof, as indicated at **17** to accommodate the nose of the patient. A front portion **18** is also made of waterproof flexible material, to form a pocket or enclosure across the main band **10**. Said front portion **18** is also cut out in the center to accommodate the bridge of the nose of the patient, and is secured to the main band along its sides and bottom edges by sewed stitches **19**, or by any adherent means so as to form a watertight pocket into which a sponge **20**, shaped as shown in Figure 3, may be inserted. This sponge **20** is preferably shaped to fit in the pocket or enclosure and to this end may also be cut out at **21** to accommodate the nose of the patient.

An upper flap portion **22** of flexible waterproof material is secured along the main band portion **10** to provide a closure means for the upper edge of the pocket when the sponge **20** has been inserted therein. This flap portion may be provided with upright pleats intermediate its ends as shown at **23** and **23′** so that it will follow the facial contour of the patient when the device is applied by means of the adjustable band **13**.

Figures 4 and 5 show how the flap portion **22** may be raised to provide access to the sponge **20** so that the sponge may be removed for saturation with a liquid either hot or cold, and then replaced in the pocket formed by the main band **10** and the front portion **18**. The material forming the pocket being of a waterproof nature will enclose the moist sponge **20** without in any way contacting the patient or bed clothes.

The device is very simple in construction and the sponge portion **20** is readily accessible for changing without removing the device from the patient, or the device may be easily removed to give access to the sponge portion when the flap **22** is raised.

Although I have shown and described certain embodiments of my invention, it will be understood that I do not wish to be limited to the exact construction shown and described but that various changes and modifications may be made without departing from the spirit and scope of the invention as defined by the appended claims.

I claim:

1. In an eye shield, a flexible contact band having an exterior watertight pocket secured therealong and open at its top, a closure flap extending along the open top of said pocket, said pocket and closure flap being made of flexible waterproof sheet material for the reception of absorbent material and the retention of moisture from the latter, said band having an adjustable strap provided with retaining means for attaching the eye shield assembly in contact with the face of a patient.

2. The eye shield structure of claim 1, wherein both the band and watertight front pocket portion are recessed along the lower edges thereof to accommodate the nose bridge of the patient.

3. The eye shield structure of claim 2, wherein a sponge of absorbent material is shaped with a recessed lower edge to fit within the pocket portion.

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