

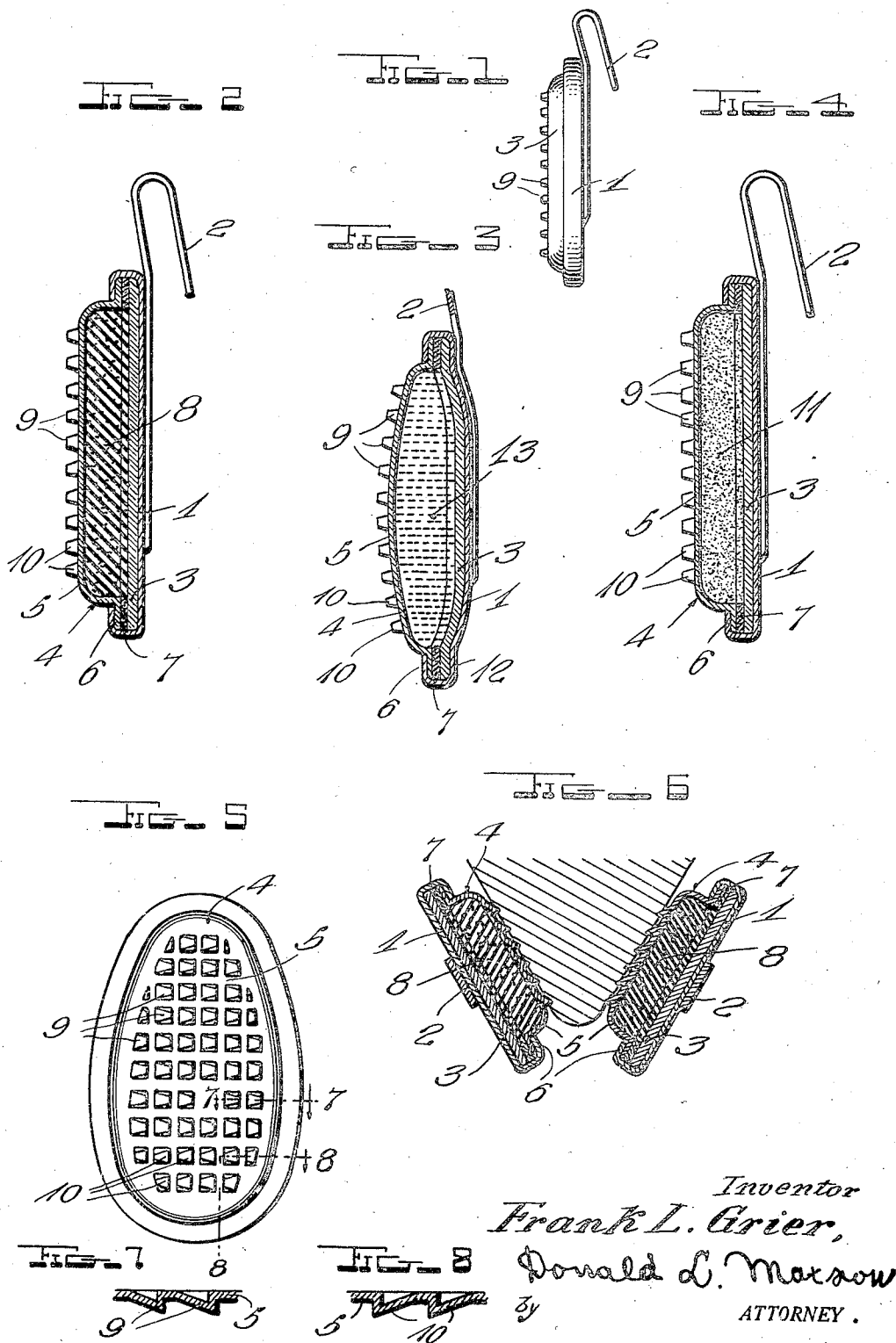
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NOSE PAD FOR EYEGLASSES

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NOSE PAD FOR EYEGLASSES

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5 Claims. (Cl. 88—49)

This invention relates to improvements in nose pads for eyeglasses, and more particularly to hollow pad or sac formed of celluloid having an anti-slip nose engaging surface, and filled with sponge rubber, or any desired liquid or shiftable material, such as sand or the like.

An object of the invention is to provide an improved nose pad for eyeglasses formed of a hollow celluloid sac and a metal back or shell whose edges are crimped or compressed about the edges of the sac to hold the same in position.

Another object of the invention is to provide an improved nose pad for eyeglasses comprising a celluloid sac formed of upper and lower portions cemented together at their peripheral edges, and held within a suitable backing member or shell by compressing the edges of the shell upon the edges of the sac.

A further object of the invention is to provide a celluloid sac filled with a shiftable material or liquid and having an anti-slip outer surface adapted to engage with the surface of a nose when the pad is in position and to conform to the skin irregularities of the nose.

A still further object of the invention is to provide a hollow celluloid sac for a nose pad for eyeglasses which will comprise an upper portion of relatively thin celluloid formed with an anti-slip surface, and a lower portion of somewhat thicker celluloid, the said portions being cemented together at their peripheral edges and held in clamped position within a metal shell or backing plate, which in turn is attached in the usual manner to a pair of eyeglasses.

Other objects will appear as the description proceeds.

In the accompanying drawing which forms a part of my application,

Figure 1 is a side elevation of my improved nose pad for eyeglasses;

Figure 2 is a vertical sectional view through one form of nose pad having a filling of sponge rubber;

Figure 3 is a vertical sectional view through another form of nose pad showing the same filled with a suitable liquid, such as mercury or the like;

Figure 4 is a vertical sectional view through a nose pad showing the same filled with a shiftable material such as sand or the like;

Figure 5 is a front elevation of the nose engaging portion of my improved pad, showing some of the raised shoulders extending in one direc-

tion, and other shoulders at the bottom of the pad extending in the opposite direction;

Figure 6 is a transverse sectional view showing the pads in position upon a nose;

Figure 7 is a sectional view taken on the line 7—7 of Figure 5, and

Figure 8 is a sectional view taken on the line 8—8 of Figure 5.

Like characters of reference are used throughout the following specification and the accompanying drawing to designate corresponding parts.

In carrying out my invention, I provide a metal backing plate or shell 1 which may be absolutely flat, or may be curved, as shown in Figure 3 of the drawing. A suitable arm 2 is attached to the plate or shell 1 for attachment to a pair of eyeglasses, and is of the usual form and construction.

In Figures 1 and 2, I have shown a flat backing plate or shell 1 in which is placed the base sheet of celluloid 3 which forms a part of the sac 4. The upper sheet of celluloid 5 is arranged to lie substantially parallel with the sheet 3 and in spaced relation thereto, and is further formed with a peripheral flange 6 which overlies the outer peripheral edge of the said sheet 3.

The sheets of celluloid 3 and 5 will be cemented together at their peripheral edges as at 7, and the peripheral edge of the backing plate or shell 1 will be tightly bent over the adjacent edges of the celluloid and compressed together, so that the sac formed by the sheets of celluloid 3 and 5, will be air tight and liquid tight. In the form of the pad shown in Figures 1 and 2, the filling for the sac will be compressible or shiftable sponge rubber 8. The outer surface of the sheet of celluloid 3 will be formed with a plurality of raised shoulders or tits 9 which extend in the same direction, except for a few tits 10 located at the bottom of the pad, and they extend in the opposite direction. The shoulders are arranged to engage with the skin surface of the nose when the pad is moved forwardly of the nose to retard its movement, and to prevent slipping of the pad. The few tits 10 are arranged in the opposite direction to prevent the eyeglasses from tilting forwardly from the nose when in position. It will therefore be seen that when the pads are in position in contact with the opposite sides of the nose, the said eyeglasses will not slip or tilt, and the outer sheet of celluloid 3 being quite thin, will configure to the irregularities of the nose surface, and the sponge rubber filler 8 will serve to hold

the outer sheet of celluloid in the proper configuration when the pad is in position.

The same construction is illustrated in Figure 4 of the drawing as disclosed in Figures 1 and 2, with the exception that the filler in this case is a movable non-hardening material, such as sand 11. In this construction, the sand or movable material will force the thin upper sheet of celluloid into the shape or configuration of the surface of the nose when the pad is in position on the nose.

In Figure 3 of the drawing, the metal backing or shell is somewhat curved and is provided with a peripheral flange 12 which is bent over and compressed against the peripheral edges of the sheets of celluloid 3 and 5, which in this case are both bowed, as is distinctly illustrated. The sac 4 is filled with mercury or any desired fluid 13, which serves to shape the thin outer sheet of celluloid 3 to the irregularities of the surface of the nose when the pad is in position on the nose. It will be understood that any desired fluid may be utilized, and that in this form of pad, the same construction and arrangement of shoulders or tits 9 and 10 are employed.

In Figures 7 and 8, I have illustrated how the shoulders 9 and 10 are arranged and formed, to permit the easy placing of the pad on the nose, but to retard movement of the same when once in position.

In Figure 6, I have shown how the shoulders engage the nose to retard movement of the pad and to prevent slipping and tilting of the same.

Many minor changes in detail of construction may be resorted to without departure from the spirit of the invention.

Having thus described my invention what I claim as new and desire to secure by Letters Patent of the United States is:

1. A nose pad for eyeglasses comprising a backing plate formed with a peripheral upwardly and inwardly turned crimpable flange and a co-operating hollow sectional celluloid nose engaging sac, the peripheral edges of said sac being locked beneath the peripheral crimpable flange of said backing plate.

2. A nose pad for eyeglasses comprising a backing plate formed with a peripheral upwardly and inwardly turned crimpable flange and a co-operating hollow sectional celluloid nose engaging sac engaged by said flange, the nose engaging surface of said sac being formed with a plurality of raised shoulders facing in the same direction.

3. The subject matter as claimed in claim 2, and a movable liquid in said sac.

4. The subject matter as claimed in claim 2, and a movable filler of plastic non-hardening material in said sac.

5. The subject matter as claimed in claim 2, and a live rubber filler in said sac.

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