in a proper position without slipping, sliding, or leaving marks on the user's nasal bridge after removal.

SUMMARY

[0010] ~~Implementations of~~In a first aspect, the present disclosure provides an anti-slip eyewear system ~~may~~ comprisinge a nosepiece configured to couple to a bridge of an eyewear frame, the nosepiece comprising: a core comprised of a first material and an outer layer at least partially surrounding the core and comprised of a second material, the second material having a lower durometer than the first material. The outer layer is arranged to contact with and drag across at least a portion of a face of a user and, the contact and dragging movement of the outer layer, The second material is deformable against the at least the portion of the face of the user, by the contact and the dragging movement of the outer layer, to create~~s a plurality of Schallamach waves~~ wrinkles on ~~an outer surface of the nosepiece when~~ the outer layer so as to enhance frictional forces between the outer layer ~~of the nosepiece is in contact with~~ and the at least ~~a~~the portion of ~~a~~the face of ~~a~~the user.

[0011] Particular ~~aspects~~ examples may comprise one or more of the following features. The first material may have a durometer greater than about Shore 40A on the Shore A hardness scale. The second material may have a durometer less than about Shore 40A on the Shore A hardness scale. The nosepiece may further comprise an attachment tab configured to seat within a slot on a bridge of an eyewear frame. The nosepiece may further comprise a plurality of attachment arms configured to couple the nosepiece to a bridge of an eyewear frame. The nosepiece may further comprise an adhesive configured to couple the nosepiece to a bridge of an eyewear frame. The nosepiece may comprise a saddle shape configured to engage a nasion and a nose of a user. The saddle shape may be comprised of an upper nosepiece portion and a plurality of nose pads.

[0012] ~~Implementations~~ In a second aspect, the present disclosure provides ~~of~~ an anti-slip eyewear system ~~may~~ comprising~~e~~ a nosepiece configured to couple to a bridge of an eyewear frame, the nosepiece comprising: a core comprised of a first material; and an outer layer at least partially overlapping the core and comprised of a second material, the second material having a lower durometer than the first material. The outer layer is arranged to contact with and drag across at least a portion of a face of a user. The second

material is deformable against the at least the portion of the face of the user, by the contact and the dragging movement of the outer layer, to create~~s a plurality of Schallamach waves~~ wrinkles on ~~an outer surface of the nosepiece when~~ the outer layer ~~of the nosepiece is in contact with~~ so as to enhance frictional forces between the outer layer and the at least ~~a~~ the portion of ~~a~~ the face of ~~a~~ the user.

[0013] Particular ~~aspects~~ examples may comprise one or more of the following features. The first material may have a durometer greater than about Shore 40A on the Shore A hardness scale. The second material may have a durometer less than about Shore 40A on the Shore A hardness scale. The nosepiece may comprise a saddle shape configured to engage a nasion and a nose of a user.

[0014] ~~Implementations of~~In a third aspect, the present disclosure provides a method for preventing slippage of an eyewear system ~~may~~ comprisinge: coupling a nosepiece to a bridge of an eyewear frame, the nosepiece comprising: a core comprised of a first material; and an outer layer at least partially overlapping the core and comprised of a second material, the second material having a lower durometer than the first material. The method further comprises contacting the outer layer with at least a portion of a face of a user and dragging the outer layer across the at least the portion of the face of the user; deforming the second material against the at least the portion of the face of the user, by the contact and the dragging movement of the outer layer, to create~~ing a plurality of Schallamach waves~~wrinkles ~~in the second material~~ on the outer layer ~~of the nosepiece when the outer layer of the nosepiece is in contact with~~ so as to enhance frictional forces between the outer layer and the at least ~~a~~ the portion of ~~a~~ the face of ~~a~~ the user.

[0015] Particular ~~aspects~~ examples may comprise one or more of the following features. The first material may have a durometer greater than about Shore 40A on the Shore A hardness

scale. The second material may have a durometer less than about Shore 40A on the Shore A hardness scale. The method may further comprise seating an attachment tab within a slot on a bridge of an eyewear frame. The method may further comprise coupling a plurality of attachment arms of the nosepiece to a bridge of an eyewear frame. The method may further comprise adhering the nosepiece to a bridge of an eyewear frame using an adhesive. The nosepiece may comprise a saddle shape configured to engage a nasion and a nose of a user. The saddle shape may be comprised of an upper nosepiece portion and a plurality of nose pads.

CLAIMS

We claim:

1. An anti-slip eyewear system comprising:

a nosepiece configured to couple to a bridge of an eyewear frame, the nosepiece comprising:

a core comprised of a first material; and

an outer layer at least partially surrounding the core and comprised of a second material, the second material having a lower durometer than the first material and wherein the outer layer is arranged to contact with and drag across at least a portion of a face of a user and, the contact and dragging movement of the outer layer, and the second material is deformable against the at least the portion of the face of the user, by the contact and the dragging movement of the outer layer, to create~~s a plurality of Schallamach waves~~wrinkles on ~~an outer surface of the nosepiece when~~ the outer layer ~~of the nosepiece is in contact with~~ so as to enhance frictional forces between the outer layer ~~at least~~ and the at least the ~~a~~ portion of ~~a~~ the face of ~~a~~the user.

2. The anti-slip eyewear system of claim 1, wherein the first material has a durometer greater than about Shore 40A on the Shore A hardness scale.

3. The anti-slip eyewear system of claim 1, wherein the second material has a durometer less than about Shore 40A on the Shore A hardness scale.

4. The anti-slip eyewear system of claim 1, wherein the nosepiece further comprises an attachment tab configured to seat within a slot on a bridge of an eyewear frame.

5. The anti-slip eyewear system of claim 1, wherein the nosepiece further comprises a plurality of attachment arms configured to couple the nosepiece to a bridge of an eyewear frame.

6. The anti-slip eyewear system of claim 1, wherein the nosepiece further comprises an adhesive configured to couple the nosepiece to a bridge of an eyewear frame.

7. The anti-slip eyewear system of claim 1, wherein the nosepiece comprises a saddle shape configured to engage a nasion and a nose of a user.

8. The anti-slip eyewear system of claim 7, wherein the saddle shape is comprised of an upper nosepiece portion and a plurality of nose pads.

9. An anti-slip eyewear system comprising:

a nosepiece configured to couple to a bridge of an eyewear frame, the nosepiece comprising:

a core comprised of a first material; and

an outer layer at least partially overlapping the core and comprised of a second material, the second material having a lower durometer than the first material and wherein the outer layer is arranged to contact with and drag across at least a portion of a face of a user, and the second material is deformable against the at least the portion of the face of the user, by the contact and the dragging movement of the outer layer, to create~~s~~ wrinkles ~~a plurality of Schallamach waves~~ on ~~an outer surface of the nosepiece when~~ the outer layer ~~of the nosepiece is~~

~~in contact with~~so as to enhance frictional forces between the outer layer and the at least ~~a~~ the portion of ~~a~~the face of ~~a~~ the user.

10. The anti-slip eyewear system of claim 9, wherein the first material has a durometer greater than about Shore 40A on the Shore A hardness scale.

11. The anti-slip eyewear system of claim 9, wherein the second material has a durometer less than about Shore 40A on the Shore A hardness scale.

12. The anti-slip eyewear system of claim 9, wherein the nosepiece comprises a saddle shape configured to engage a nasion and a nose of a user.

13. A method for preventing slippage of an eyewear system comprising:

coupling a nosepiece to a bridge of an eyewear frame, the nosepiece comprising:

a core comprised of a first material; and

an outer layer at least partially overlapping the core and comprised of a second material, the second material having a lower durometer than the first material; and

contacting the outer layer with at least a portion of a face of a user and dragging the outer layer across the at least the portion of the face of the user;

deforming the second material against the at least the portion of the face of the user, by the contact and the dragging movement of the outer layer, to create~~ing~~ wrinkles ~~a plurality of Schallamach waves in the second material~~ on the outer layer ~~of the nosepiece when the outer~~

~~layer of the nosepiece is in contact with~~so as to enhance frictional forces between the outer layer and the at least ~~a~~the portion of ~~a~~the face of ~~a~~ the user.

14. The method of claim 13, wherein the first material has a durometer greater than about Shore 40A on the Shore A hardness scale.

15. The method of claim 13, wherein the second material has a durometer less than about Shore 40A on the Shore A hardness scale.

16. The method of claim 13, further comprising seating an attachment tab within a slot on a bridge of an eyewear frame.

17. The method of claim 13, further comprising coupling a plurality of attachment arms of the nosepiece to a bridge of an eyewear frame.

18. The method of claim 13, further comprising adhering the nosepiece to a bridge of an eyewear frame using an adhesive.

19. The method of claim 13, wherein the nosepiece comprises a saddle shape configured to engage a nasion and a nose of a user.

20. The method of claim 19, wherein the saddle shape is comprised of an upper nosepiece portion and a plurality of nose pads.