

WHAT IS CLAIMED IS:

1. An intraocular shunt inserter for treating glaucoma, comprising:

a housing having a distal portion, a proximal portion, a longitudinal axis extending between the distal and proximal portions, the housing further comprising an inner cavity, a guide channel, ~~and~~ an elongate slot, and an indicator area, the guide channel extending along the longitudinal axis and accessible along an outer surface of the housing, the guide channel having an inner wall, the elongate slot extending along the longitudinal axis along the outer surface of the housing into the inner cavity, wherein the indicator area comprises a first plurality of discontinuities grouped together and a second plurality of discontinuities grouped together and spaced apart from the first plurality of discontinuities; and

a slider component slidably coupled to the housing along the outer surface thereof, the slider component slidable along the elongate slot for actuating a function of the inserter to cause deployment of the intraocular shunt via the elongate slot, the slider component comprising a guide tab and a friction tab, the guide tab disposed within and slidable along the guide channel of the housing, the friction tab being movable relative to the guide tab and comprising a biasing portion configured to urge the friction tab against the housing for causing the friction tab to contact the indicator area to provide audible or tactile feedback to an operator~~guide tab to be contacted against the inner wall of the guide channel for providing frictional resistance between the slider component and the housing against sliding.~~

2. The inserter of Claim 1, wherein the slider component comprises an interior region into which the housing is fitted.
3. The inserter of Claim 1, wherein the interior region is semi-cylindrical.
4. The inserter of Claim 1, wherein the friction tab extends inwardly toward the interior region of the slider component for contacting an outer surface of the housing.
5. The inserter of Claim 1, wherein the friction tab comprises a pair of friction tabs extending inwardly toward the interior region of the slider component.
6. The inserter of Claim 1, wherein the slider component comprises a generally cylindrical profile and the guide tabs are spaced between ~~about~~ 90 degrees to ~~about~~ 180 degrees apart from each other along ~~an inner surface of~~ the interior region.

7. The inserter of Claim 1, wherein the housing comprises a generally cylindrical profile and a pair of guide channels are spaced between ~~about~~ 90 degrees to ~~about~~ 180 degrees apart from each other along the outer surface of the housing.
8. The inserter of Claim 1, wherein the friction tab is formed as a cut out through a body of the slider component.
- ~~9. The inserter of Claim 1, wherein the housing comprises an indicator area against which the friction tab can contact the housing for providing audible or tactile feedback to an operator.~~
- ~~10.9.~~ 10.9. The inserter of Claim ~~9~~1, wherein at least one discontinuity of the first plurality of the indicator area comprises~~discontinuities comprises~~ at least one discontinuity in the outer surface of the housing.
- ~~11. An intraocular shunt inserter for treating glaucoma, comprising:
a housing having a distal portion, a proximal portion, and a longitudinal axis extending between the distal and proximal portions, the housing further comprising an interior cavity, a guide channel, and an elongate slot extending along an outer surface of the housing into the cavity for actuating a function of the inserter;
a slider component coupled to the housing and positioned along the outer surface thereof, the slider component slidable along the elongate slot, the slider comprising a guide tab disposed within the guide channel; and
a position feedback mechanism comprising a biased tab and an indicator area, the biased tab being coupled to the slider component, the indicator area being formed along the outer surface of the housing, wherein motion of the slider component causes the biased tab to slide along the indicator area to generate tactile or auditory feedback to an operator regarding a position of an intraocular shunt relative to the inserter.~~
- ~~12. The inserter of Claim 11, wherein the indicator area comprises at least one discontinuity in the outer surface of the housing.~~
- ~~13. The inserter of Claim 11, wherein the indicator area comprises at least one bump on the outer surface of the housing.~~
- ~~14. The inserter of Claim 11, wherein the indicator area comprises a plurality of bumps on the outer surface of the housing, wherein each of the bumps corresponds to a deployment position of an intraocular shunt.~~

~~15. The inserter of Claim 14, wherein each of the plurality of bumps is disposed along the housing at positions corresponding to rotational positions of a drive component of a deployment mechanism of the inserter.~~

16.10. An intraocular shunt delivery device, comprising:

a cylindrical housing comprising an indicator area disposed along an outer surface and guide channels extending longitudinally along the housing, each guide channel defining an inner wall having an upper face; wherein the indicator area comprises a first plurality of discontinuities grouped together and a second plurality of discontinuities grouped together and spaced apart from the first plurality of discontinuities and

a semi-cylindrical slider disposed about the housing, wherein the slider is axially moveable relative to the housing, the slider comprising:

a pair of guide tabs disposed within respective ones of the guide channels of the housing to secure the slider to the housing;

a friction tab, disposed intermediate the guide tabs on the slider, comprising a biasing portion configured to urge the friction tab against the housing for causing the friction tab to contact the indicator area to provide audible or tactile feedback to an operator~~guide tab to be contacted against the inner wall of the guide channel~~; and

a slider protrusion operatively coupled to a shunt deployment mechanism within the housing.

17.11. The delivery device of Claim 16.10, wherein the guide channels are disposed ~~about~~ 180 degrees from each other.

18.12. The delivery device of Claim 16.10, wherein the slider protrusion passes through the housing to the deployment mechanism.

~~19. The delivery device of Claim 16, wherein the housing comprises an indicator area disposed along an outer surface of the housing against which the friction tab can contact the housing for providing audible or tactile feedback to an operator.~~

20.13. The delivery device of Claim 16.10, further comprising a hollow needle that comprises a bend at an angle of between ~~about~~ 6 degrees to ~~about~~ 10 degrees and is configured to hold an intraocular shunt.