

CLAIMS

1. An intraocular lens injector for injecting an intraocular lens into an eye, comprising:

a hollow body defining an axial direction and having a nozzle portion configured to be inserted into an incisional wound in the eye and defining an outer circumferential surface and a distal end with a distal end opening; and

an attachment member defining a distal end and having a protruding surface at the distal end,

wherein the attachment member and the hollow body are respectively configured such that the attachment member has an engaged state where the attachment member is fixed to the hollow body and not movable in the axial direction, and a disengaged state where the attachment member is movable with respect to the hollow body in the axial direction;

wherein the protruding surface at the distal end of the attachment member is located rearward of the distal end of the nozzle portion and protrudes outwardly from the nozzle portion when the attachment member is in the engaged state; and

wherein the attachment member is configured to restrict an insertion amount of the nozzle portion into the eye with the protruding surface, when the nozzle portion is inserted into an incisional wound of an eyeball.

2. The intraocular lens injector according to claim 1, wherein the attachment member is detachable and attachable from/to the hollow body.

3. The intraocular lens according to claim 2, wherein the attachment member is movable in the axial direction of the hollow body while being attached to the hollow body.

4. The intraocular lens injector according to any one of claims 1 to 3, wherein an engaging portion which is engaged with the hollow body is formed in the attachment member, and an engaged portion is formed in the hollow body corresponding to the engaging portion.

5. The intraocular lens injector according to claim 4, wherein the engaging portion has a lock mechanism in which the attachment member is temporarily fixed to the hollow body by an engagement between the engaging portion and the engaged portion.

6. The intraocular lens injector according to claim 4, wherein the engaging portion includes a tongue piece having a plurality of engagement holes formed thereon, and the engaged portion includes a locking claw engaged with one of the plurality of engagement holes.

7. The intraocular lens injector according to any one of claims 1 to 6, wherein a viewing window is provided on the attachment member.

8. The intraocular lens according to claim 7, wherein the protruding surface is formed in a shape with an upper part cut out, and the viewing window is formed so as to communicate with a cutout portion of the protruding surface.

9. The intraocular lens injector according to any one of claims 1 to 8, wherein the protruding surface is made of a soft resin.

10. The intraocular lens injector according to any one of claims 1 to 9, wherein the nozzle portion has a cutout portion formed along an axial direction of the hollow body, and the attachment member includes a tapered portion that, when brought into contact with an outer circumferential surface of the nozzle portion, compresses the nozzle portion where the cutout portion is formed.

11. The intraocular lens injector according to any one of claims 1 to 10, wherein the hollow body has a lens installing portion, and an intraocular lens is installed on the lens installing portion.

~~CLAIMS~~

~~1. An intraocular lens injector for injecting an intraocular lens into an eye, comprising:~~

~~a hollow body having a nozzle portion; and~~

~~an attachment member having a protruding surface disposed in a state of protruding to outside from an outer circumferential surface of the nozzle portion,~~

~~wherein the attachment member is configured movably with respect to the hollow body.~~

~~2. The intraocular lens injector according to claim 1, wherein the attachment member is detachable and attachable from/to the hollow body.~~

~~3. The intraocular lens injector according to claim 1 or 2, wherein the attachment member is movable in an axial direction of the hollow body.~~

~~4. The intraocular lens according to claim 3, wherein the attachment member is movable in the axial direction of the hollow body while being~~

~~attached to the hollow body.~~

~~5. The intraocular lens injector according to any one of claims 1 to 4, wherein an engaging portion which is engaged with the hollow body is formed in the attachment member, and an engaged portion is formed in the hollow body corresponding to the engaging portion.~~

~~6. The intraocular lens injector according to claim 5, wherein the engaging portion has a lock mechanism in which the attachment member is temporarily fixed to the hollow body by an engagement between the engaging portion and the engaged portion.~~

~~7. The intraocular lens injector according to claim 5, wherein the engaging portion includes a tongue piece having a plurality of engagement holes formed thereon, and the engaged portion includes a locking claw engaged with one of the plurality of engagement holes.~~

~~8. The intraocular lens injector according to any one of claims 1 to 7, wherein the attachment member is configured to restrict an injection~~

~~amount by the protruding surface, when the nozzle portion is inserted into an incisional wound of an eyeball.~~

~~9. The intraocular lens injector according to any one of claims 1 to 8, wherein a viewing window is provided on the attachment member.~~

~~10. The intraocular lens according to claim 9, wherein the protruding surface is formed in a shape with an upper part cut out, and the viewing window is formed so as to communicate with a cutout portion of the protruding surface.~~

~~11. The intraocular lens injector according to any one of claims 1 to 10, wherein the protruding surface is made of a soft resin.~~

~~12. The intraocular lens injector according to any one of claims 1 to 11, wherein the nozzle portion has a cutout portion formed along an axial direction of the hollow body, and a tapered portion is formed on the attachment member, to reduce an outer circumferential diameter of the nozzle portion, by being brought into contact with an outer circumferential~~

~~surface of the nozzle portion, which is a portion where the cutout portion is formed.~~

~~13. The intraocular lens injector according to any one of claims 1 to 12, wherein the hollow body has a lens installing portion, and an intraocular lens is installed on the lens installing portion.~~