

5

said toroidal cavity and said lens cavity each comprise resilient material structures, each further including elongate, hollow projections proximately aligned to extend from said capsular bag into said incision.

3. A method in accordance with claim 2 further comprising the steps of:

aligning said lens insert in said capsular bag in the course of expelling thereof the present said toroidal cavity thereof towards the periphery of said capsular bag.

4. A method for implanting synthetic lenses into the natural capsular bag of an eye comprising the steps of:

forming an incision in said eye to communicate from the exterior thereof into said capsular bag evacuating the natural lens substance from said capsular bag through said incision;

6

inserting a corresponding resilient spreader segment into a hollow needle, said spreader sequencer being of an elongate configuration and pre-stressed to form an arc segment, when free, of an arc dimension substantially equal to the peripheral arc of said capsular bag;

expelling sequentially a plurality of said segments into said capsular bag into a serial alignment adjacent the periphery thereof;

convolving a resilient lens sack of substantially circular planform into the interior of a tubular probe; and

ejecting said lens sack into said capsular bag within said segments.

5. A method according to claim 4 comprising the further step of:

pressurizing said lens sack after the ejection thereof to a pressure selected for elastic expansion thereof.

* * * * *

20

25

30

35

40

45

50

55

60

65