

[54] **PACKAGING SYSTEM FOR INTRAOCULAR LENS STRUCTURES**

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**Related U.S. Application Data**

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[52] U.S. Cl. .... **206/5.1; 206/45.34; 206/210; 220/23; 3/13; 356/246**

[58] Field of Search ..... **206/5.1, 210, 45.34, 206/205; 356/246; 220/23; 294/1 CA, 64; 3/13**

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[57] **ABSTRACT**

The invention provides an improved autoclavable system for packaging of intraocular lens structures. In one embodied form, the inventive system comprises an outer container having at least two optically clear windows arranged in parallel relationship, an inner holding fixture mounted within the outer container for receiving and supporting an intraocular lens structure in alignment with the windows and a liquid medium within the container which substantially duplicates optical transmission characteristics of fluid in the eye. The unique packaging system provides an autoclavable sterile environment for a wide variety of intraocular lens structures prior to implantation which permits visual inspection and measurement of important optical parameters of the lens structure without removal of the lens from the container. Additionally, in a preferred embodiment of the invention, the lens holding fixture can also be used as a surgical tool and handling device for the intraocular lens during manufacture, inspection prior to implantation, and manipulation for placement of the intraocular lens structure within the eye.

**23 Claims, 10 Drawing Figures**

