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patible, transparent and has sufficient flexibility and strength to withstand the pressure exerted by inflation. Materials such as Polymethyl methacrylate (PMMA), polycarbonate and silicone elastoms, are among those which are acceptable. Typically sheets 20 and 22 will have a thickness of 30 to 50 microns and the lens diameter will approximate 6.2 to 8.2 mm. Under such conditions lens 10 can be folded sufficiently small to fit into a probe of less than 1.2 to 3.4 mm outer diameter. The inflating fluid must be bubble free, sterile, optically clear, biocompatible and have the proper index of refraction. Suitable inflating fluids are solutions of physiologic salts (index 1.33 to 1.44) and Dextran (index 1.39 to 1.4). The inflating fluid may also be a polymeric material such as a Silastic.

The intraocular lens of this invention may be shaped (by varying the dimension of the haptics) to fit into the eye's anterior chamber, posterior chamber and/or the capsular bag. Furthermore, the lens is susceptible to adjustment when in-place by step-wise additions of discrete amounts of injected fluid until the proper correction is achieved.

It will be understood that the above description of the invention is susceptible to various modifications, changes and adaptations and the same are intended to be comprehended with in meaning and range of equivalents of the appended claims.

I claim:

- 1. An intraocular lens comprising:
 - a pair of flexible, optically transparent, fluid impervious sheet members joined to form a lens capsule;

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flexible positioning member means depending from said capsule, sized to be contained totally within the eye when in the extended position, and adapted to position the capsule once it is emplaced within the eye; and

valve means integral with a positioning member means and communicating with the interior of said lens capsule and adapted to pass and retain a fluid into said lens capsule to thereby enable inflation of said capsule into the desired lens shape once it is emplaced within the eye.

2. The invention as defined in claim 1 wherein said valve means comprises a lumen, one end of which communicates with said capsule, the other end of which is adapted to removably mate with filling means, said valve means further including, intermediate thereof, a one-way valve which only allows fluid flow from said filling means into said lens capsule.

3. The invention as defined in claim 2 wherein said sheet members and positioning members are sufficiently flexible to allow said intraocular lens to be compressed in size by folding or rolling and inserted into an insertion probe.

4. The invention as defined in claim 3 wherein said fluid has an index of refraction greater than one.

5. The invention as defined in claim 4 wherein said fluid comprises a polymeric material of gel-like consistency.

6. The invention is defined in claim 2 wherein said one way valve includes a movable member within said lumen, which member seals said lumen in response to pressure exerted by fluid within said lens capsule.

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