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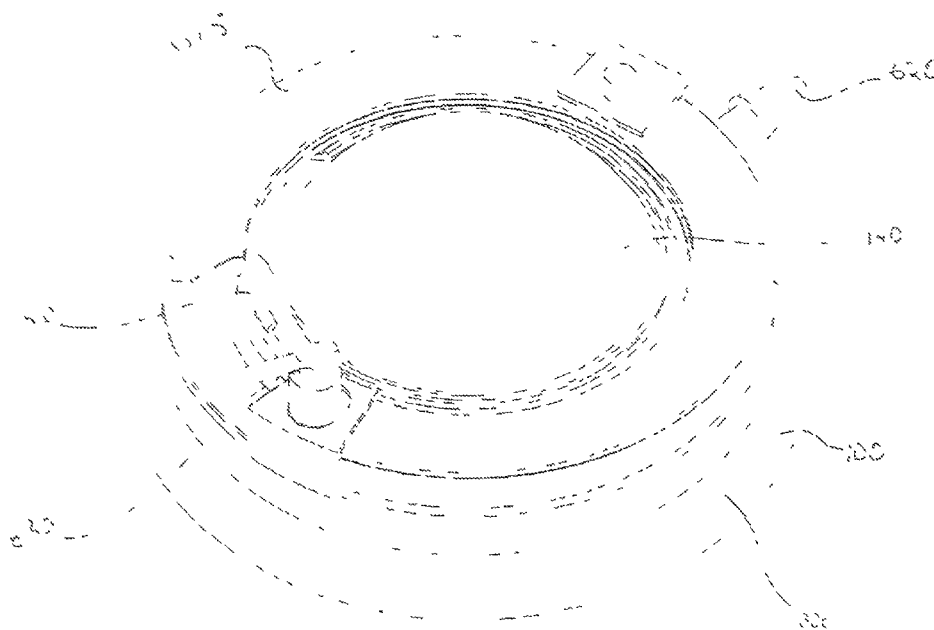
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(54) **Title:** MICROSURGERY FOR TREATMENT OF GLAUCOMA



(57) **Abstract:** Surgical procedures and devices are used for treating medical conditions in the eye such as glaucoma. In particular, access to Schlemm's canal in the eye is obtained by cutting through a portion of the sclera to expose the canal. This incision may be made using a fixture that guides a microknife to make a precise cut. A catheter containing a knife may then be placed within Schlemm's canal, and the knife can be actuated to a position outside the catheter to allow an incision to be made. This incision may be made through the wall of the canal and into the surrounding trabecular meshwork, thereby improving the drainage of the aqueous humor from the eye and lowering the intraocular pressure.

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C DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	US 6,979,328 B2 (BAERVELDT et al) 27 December 2005 (27 12 2005), entire document	1-4, 6-40
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Y		5
Y	US 2002/0120284 A1 (SCHACHAR et al) 29 August 2002 (29 08 2002), Abstract, paragraphs 0025, 0026 and elsewhere	5
A	US 2003/0139729 A1 (STEGMANN et al) 24 July 2003 (24 07 2003), entire document	1-40

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