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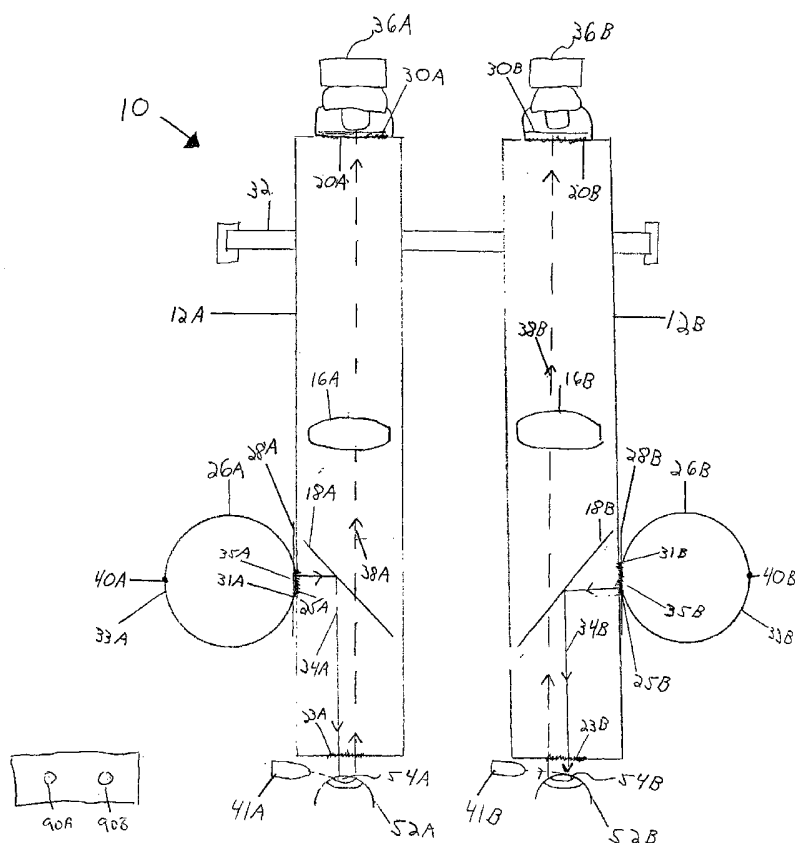
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- (71) Applicants and
(72) Inventors: **KANDEL, Gillray, L.** [US/US]; 1037 Cloverlawn Road, Troy, NY 12180 (US). **KANDEL, Joel** [US/US]; Arlington, MA (US). **HENSON, David, B.** [GB/GB]; Stockport (GB). **KABACK, Martin, B.** [US/US]; Slingerlands, NY 12159 (US). **SANCHEZ, Ralph, M.** [US/US]; Slingerlands, NY 12159 (US).
- (74) Agent: **D'ALESSANDRO, Ronald, A.**; Hoffman, War-nick & D'Alessandro LLC, Three E-Comm Square, Al-bany, NY 12207 (US).
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[Continued on next page]

(54) Title: METHOD, SYSTEM AND DEVICE FOR DETECTING OCULAR DYSFUNCTIONS



(57) Abstract: A method, system and device for detecting an ocular dysfunction with optic neuropathy, such as the glaucoma group of diseases. More particularly, one eye is exposed to a series of flashes, and the resulting pupillary reflexes of both eyes are measured. The pupillary reflexes can then be evaluated to determine if the ocular dysfunction is present. A device that includes at least one light source can be incorporated into a system for recording and evaluating the pupillary reflexes.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/25550

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61B 3/00, 3/02, 3/10, 3/14
US CL : 351/200, 205, 209-211, 221, 242, 246

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 351/200, 205, 209-211, 221, 242, 246

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,086,206 A (SUTTER) 11 July 2000 (11.07.2000), abstract; column 9, line 61 to column 10, line 27; column 11, lines 5-51.	1, 7, 8
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Y		2-6, 9-12
Y	US 5,506,633 A (SPERLING) 09 April 1996 (09.04.1996), entire document.	1-12
A	US 4,822,162 A (RICHARDSON et al) 18 April 1989 (18.04.1989), entire document.	1-20
A	US 4,012,128 A (REGAN) 15 March 1977 (15.03.1977), entire document.	1-20



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"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	"&" document member of the same patent family

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Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (703) 305-3230

Authorized officer

John R. Sanders

Telephone No. (703) 308-0858

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PCT/US03/25550

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