

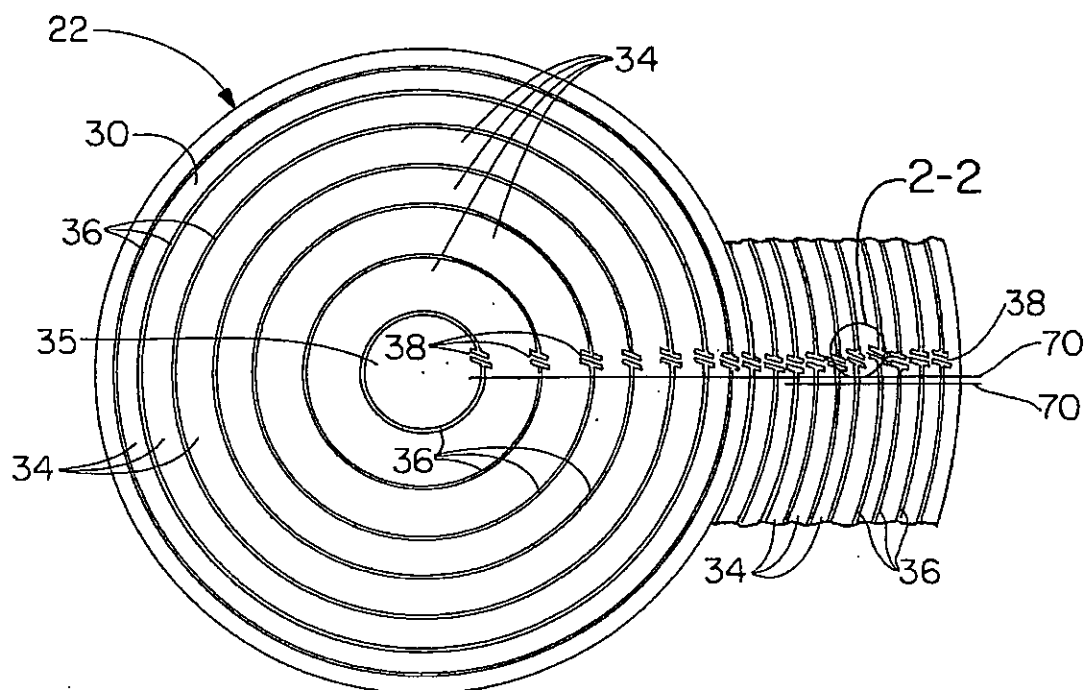


FIG.-1

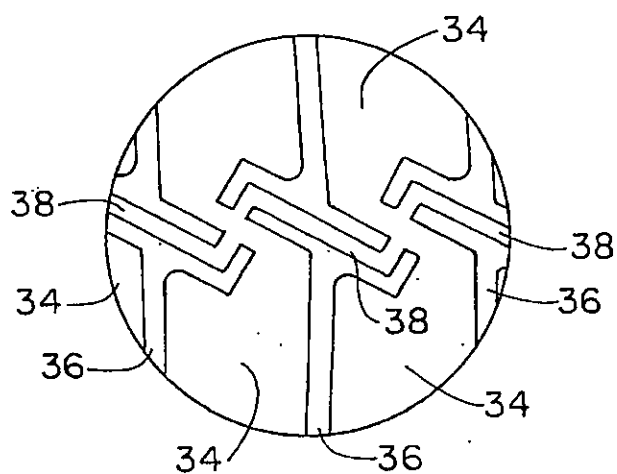


FIG.-2

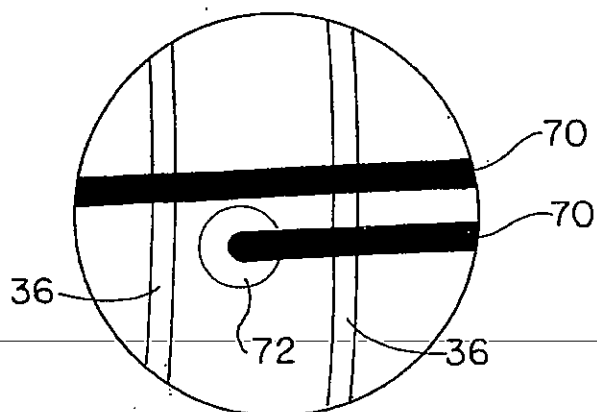


FIG.-3

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FIG.-4

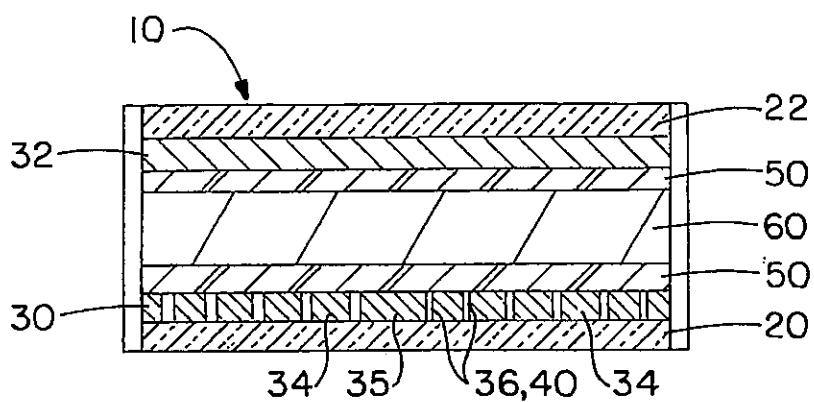


FIG.-5

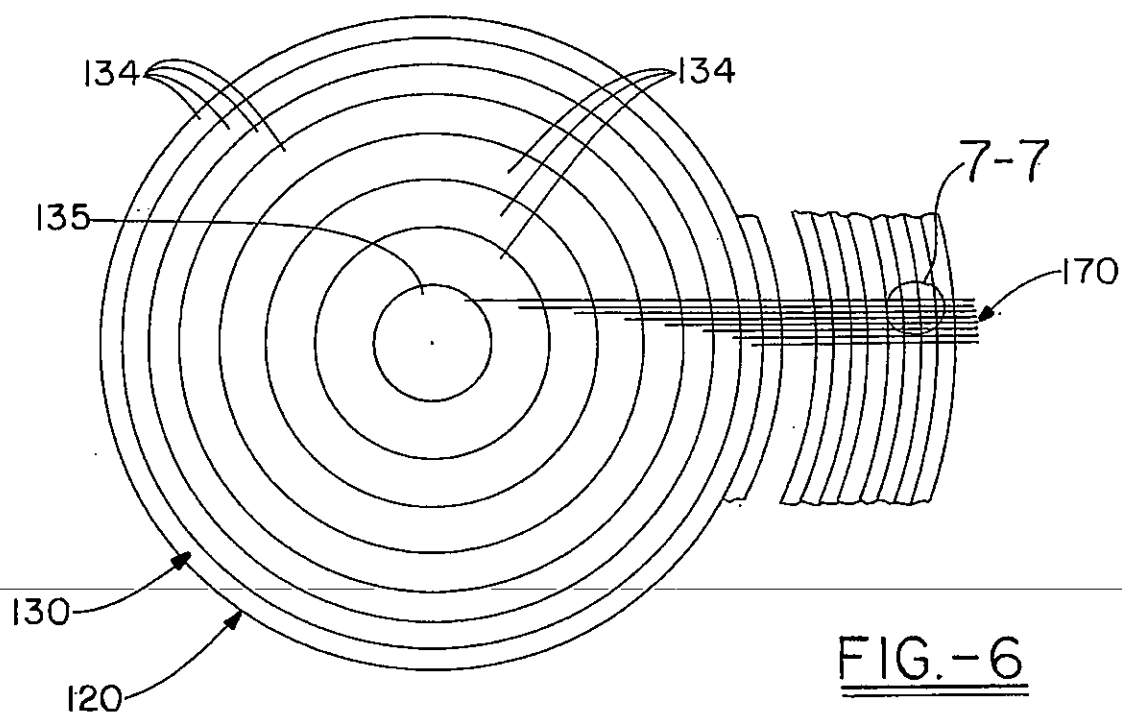
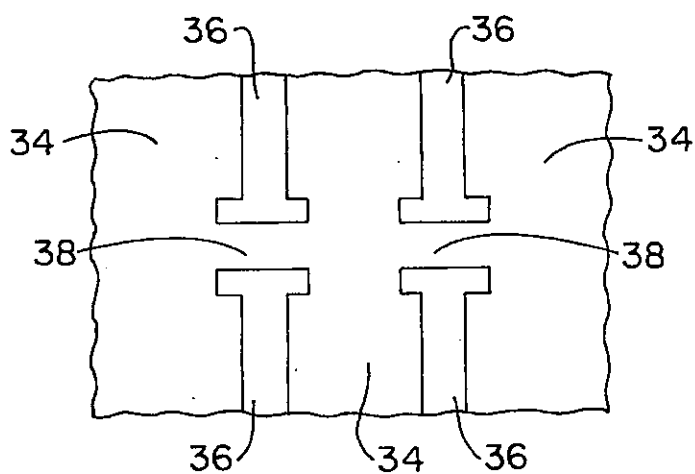


FIG.-6

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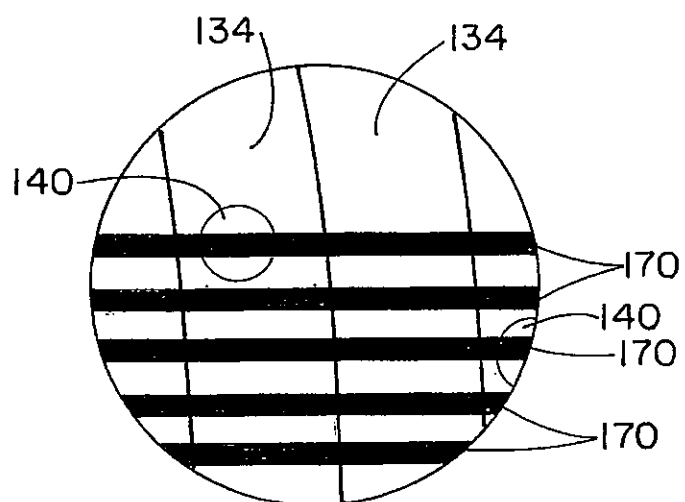


FIG. -7

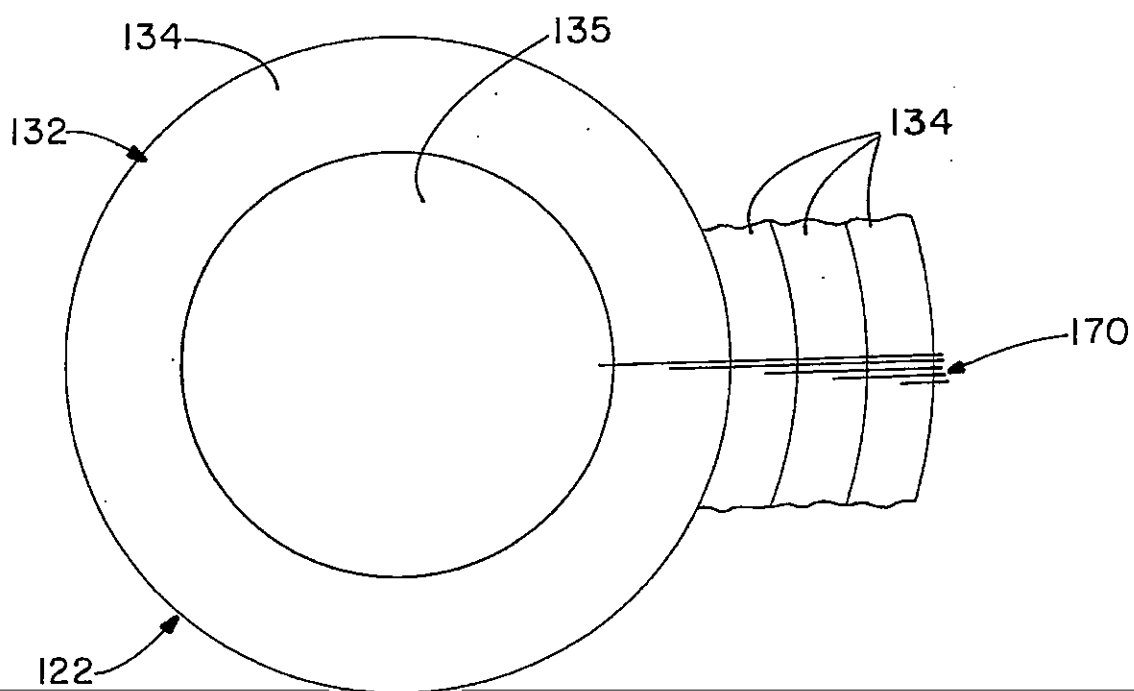


FIG. -8

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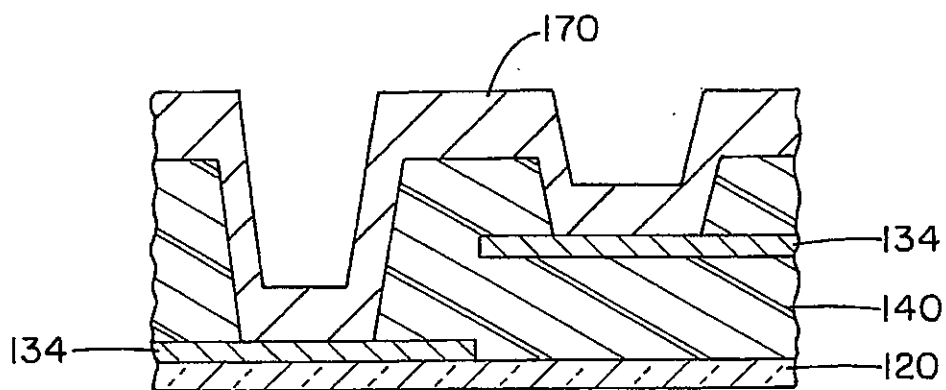


FIG.-9

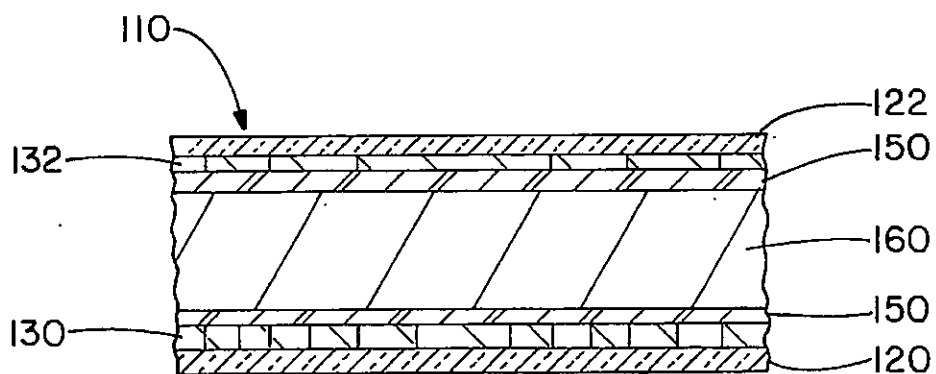


FIG.-10

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 10/01757

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G02B 1/06 (2010.01)

USPC - 359/665

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)

USPC: 359/665

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC: 359/245,620,665,666,676; IPC: G02B 1/06 (2010.01)

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

PubWest (PGPB, USPT, USOC, EPAB, JPAB)

Search Terms: electro-optic, electro-active, lens, electrode, non-birefringent, aligned material, compensated material, indium oxide, tin oxide, indium tin, ring, liquid crystal, resistance or resistive, connect, bridge, concentric, ohms,

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 7,019,890 B2 (Meredith et al.) 28 March 2006 (28.03.2006) entire document especially col 2, ln 54 to col 3, ln 8, col 4, ln 30-46, Fig. 6, col 7, ln 14-25, Fig. 8, col 2, ln 22-53, col 15, ln 12-20 col 4, ln 47-56, col 13, ln 52 to col 14, ln 10, col 13, 41-51, col 9, ln 61 to col 10, ln 2, col 15, ln 12-20, and col 5, ln 52-57.	15, 18-24
Y		1-14, 16, and 17
Y	US 4,774,537 A (Moody) 27 September 1988 (27.09.1988) entire document especially Fig. 1, col 2, ln 8-15, and col 2, ln 61 to col 3, ln 2.	1-14, 16, and 17
Y	US 2007/0146862 A1 (Moore et al.) 28 June 2007 (28.06.2007) entire document especially para [0019], para [0065], and para [0017]	6

☐ Further documents are listed in the continuation of Box C.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"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

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

08 September 2010 (08.09.2010)

Date of mailing of the international search report

17 SEP 2010

Name and mailing address of the ISA/US

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