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**Declaration under Rule 4.17:**

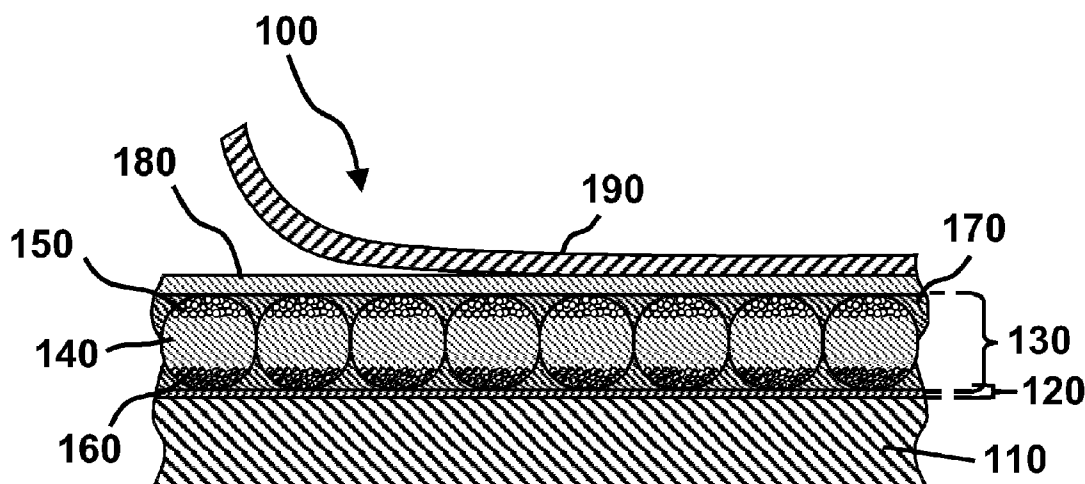
— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

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(54) Title: ELECTRO-OPTIC DISPLAY AND MATERIALS FOR USE THEREIN



(57) Abstract: A polyurethane is formed from an isocyanate and a polyester diol having a molecular weight less than about 2000, or a polyester diol comprising two polyester diol segments connected by a steric hindrance group, each of the polyester diol segments having a molecular weight less than about 2000. The polyurethane is useful as a binder in electro-optic displays, and in components used to form such displays.



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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 07/77840

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G02B 26/00 (2008.04)

USPC - 359/296

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 - 359/296

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
USPC - 359/296 see search terms below

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

PubWest, USPTO, Google Scholar

Search Terms: polyurethane, isocyanate, "polyester diol", "molecular weight", polycaprolactone diol, steric hindrance, crystal? , degree, thin film, temperature, display, binder, electro optic

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X ----- Y	US 5,066,689 A Patzschke et al. 19 November 1991 (19.11.1991) entire document especially col 5, ln 59 to col 6, ln 24 and col 6, ln 18-29 , col 7, ln 63 to col 8, ln 17, col 11, ln 8-39	1-5 and 7/1 ----- 6, 8-14/1, and 7-14/6
Y	US 2006/0160979 A1 to Benecke et al. 20 July 2006 (20.07.2006) et al. entire document especially para [0080]	6, 7-14/6
Y	US 7,110,163 B2 to Webber et al. 19 September 2006 (19.09.2006) entire document especially Fig. 1, col 8, ln 65 to col 9, ln 5, col 5, ln 4-35, col 7, ln 23-54, col 10, ln 1-14, col 11, ln 60 to col 12, ln 16, col 12, ln 59 to col 13, ln 3	8-14/1 and 8-14/6

☐ 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

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"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

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