

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
19 January 2006 (19.01.2006)

PCT

(10) International Publication Number
WO 2006/007083 A3

(51) International Patent Classification:

H01L 51/40 (2006.01) *H01L 51/20* (2006.01)

(21) International Application Number:

PCT/US2005/016561

(22) International Filing Date: 13 May 2005 (13.05.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

10/881,691 30 June 2004 (30.06.2004) US

(71) Applicant (*for all designated States except US*): **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) Inventor; and

(75) Inventor/Applicant (*for US only*): **CHUNG, David** [US/US]; 22352 Bahl Street, Cupertino, CA 95014 (US).

(74) Agent: **SOUTHALL, Ken**; Troutman Sanders LLP, 600 Peachtree Street NE, Suite 5200, Atlanta, GA 30308 (US).

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

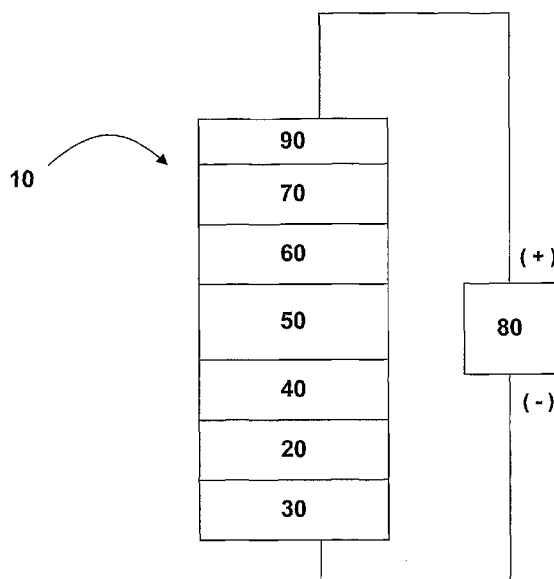
— with international search report

(88) Date of publication of the international search report:

27 April 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: LOW POWER CONSUMPTION OLED MATERIAL FOR DISPLAY APPLICATIONS



(57) Abstract: Some embodiments of the present invention are directed to OLED materials useful in display devices and processes for making such OLED materials. The OLED materials may comprise polar compounds integrated with one or more substrates. When the polar compounds are simultaneously cured and exposed to an applied voltage or electric field, the polar compounds may be oriented in the direction of the voltage. Such orientation may result in the light emitted from the OLED material radiating in a single direction. Additional embodiments are directed to a system comprising a display device having a polar light-emitting layer whose dipoles are oriented in a single direction.

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