(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
23 November 2006 (23.11.2006)

PCT

(10) International Publication Number
WO 2006/125192 A3

(51) International Patent Classification:
*H01L 27/146* (2006.01)

(21) International Application Number:
PCT/US2006/019605

(22) International Filing Date: 19 May 2006 (19.05.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
11/132,179 19 May 2005 (19.05.2005) US

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(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, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, 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, LV, 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:**

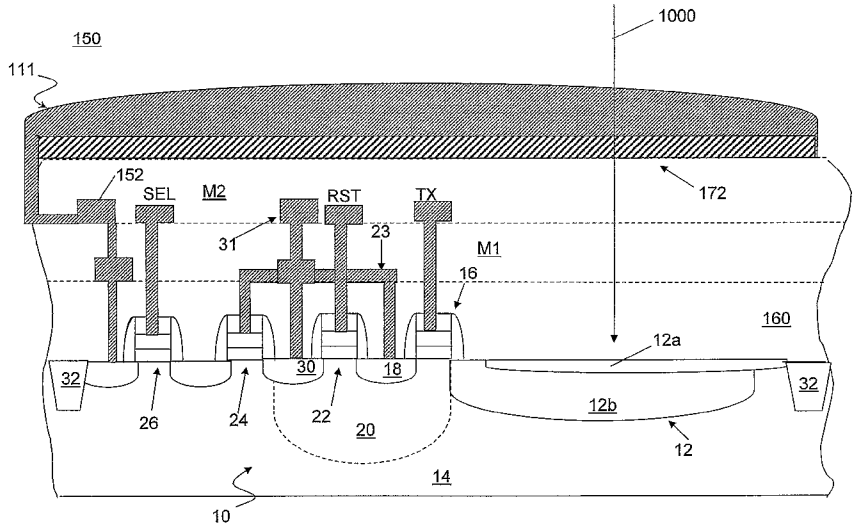
— *with international search report*

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report:
8 February 2007

*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: AN IMAGING DEVICE HAVING A PIXEL CELL WITH A TRANSPARENT CONDUCTIVE INTERCONNECT LINE AND THE METHOD OF MAKING THE PIXEL CELL




(57) Abstract: The invention relates to an imaging device having a pixel cell with a transparent conductive material interconnect line for focusing incident light onto a photosensor and providing an electrical connection to pixel circuitry, and the method of making the same. The pixel cell comprises a photosensor (12a, 12b), a transfer transistor (TX), a floating diffusion (18), a reset transistor (RST), a source follower transistor (34) and a row select transistor (26, SEL). The transparent interconnect line (111) could be any interconnect line used in the pixel circuitry, for example Vaa-pix line, charge transfer line, reset control signal line, row select line or supply voltage line. The transparent conductive material is a semiconducting oxide of a material selected from the group consisting of tin, indium, zinc and cadmium.

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