

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
24 April 2008 (24.04.2008)

PCT

(10) International Publication Number
WO 2008/048928 A3(51) International Patent Classification:
H05K3/00 (2006.01) **H05K3/06 (2006.01)**

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

(21) International Application Number:
PCT/US2007/081390

(22) International Filing Date: 15 October 2007 (15.10.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
11/550,542 18 October 2006 (18.10.2006) US(71) Applicant (for all designated States except US): **3M INNOVATIVE PROPERTIES COMPANY [US/US]**; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).(72) Inventors: **FREY, Matthew, H.**; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). **NGUYEN, Khanh, P.**; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).(74) Agents: **LOWN, Jean, A.**, et al; 3M Center, Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

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

(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, MT, 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).

Declarations under Rule 4.17:

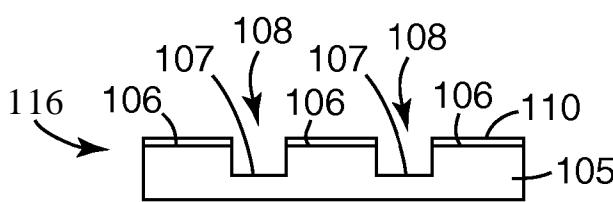
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(U))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(Ui))

Published:

- with international search report

(88) Date of publication of the international search report:
24 July 2008

(54) Title: METHODS OF PATTERNING A MATERIAL ON POLYMERIC SUBSTRATES



(57) Abstract: A method of patterning a first material (110) on a polymeric substrate (105) is described. The method includes providing a polymeric film substrate (105) having a major surface (104) with a relief pattern including a recessed region (108) and an adjacent raised region (106), depositing a first material (110) onto the major surface (104) of the polymeric film substrate (105) to form a coated polymeric film substrate, forming a layer of a functionalizing material (131) selectively on the raised region (106) of the coated polymeric film substrate to form a functionalized raised region and an unfunctionalized recessed region, and etching the first material (110) from the polymeric substrate selectively from the unfunctionalized recessed region.

INTERNATIONAL SEARCH REPORT

International application No

PCT/US2007/081390

A. CLASSIFICATION OF SUBJECT MATTER
INV. H05K3/00 H05K3/06

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)
H05K H05L G03F

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 practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	page 6, line 20 - page 8, line 8 ; figures 1-4	4,13-15
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Y	US 4 552 615 A (AMENDOLA ALBERT [US] ET AL) 12 November 1985 (1985-11-12) column 3, line 40 - column 4, line 60; figure 3B	13-15
		-/-

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See patent family annex.

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"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
27 March 2008	07/04/2008
Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Aubry, Sandrine

INTERNATIONAL SEARCH REPORT

International application No

PCT/US2007/081390

(*Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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A	US 4 775 611 A (SULLIVAN DONALD F [US]) 4 October 1988 (1988-10-04) column 4, line 62 - column 5, line 22; figures 2,3,5-8 column 6, line 60 - column 7, line 6 column 7, lines 33-62 -----	1-20
A	US 2006/003568 A1 (CHOI KYOUNG-SEI [KR] ET AL) 5 January 2006 (2006-01-05) the whole document -----	1-20

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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