

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

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
12 November 2009 (12.11.2009)

(10) International Publication Number
WO 2009/136861 A1

(51) International Patent Classification:

B29C 35/08 (2006.01) **B29C 71/04** (2006.01)
C23C 18/14 (2006.01) **G03C 1/00** (2006.01)
G03F 7/00 (2006.01)

(21) International Application Number:

PCT/SG2008/000163

(22) International Filing Date:

5 May 2008 (05.05.2008)

(25) Filing Language:

English

(26) Publication Language:

English

(71) Applicant (for all designated States except US): **MET-ALFORM ASIA PTE LTD** [SG/SG]; No. 2 Woodlands Loop, Singapore 738074 (SG).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **THIJSEN, Henk** [NL/SG]; Metalform Asia Pte Ltd, No. 2 Woodlands Loop, Singapore 738074 (SG). **RODGERN, Rattakhet** [TH/SG]; Metalform Asia (Thailand) Co., Ltd., 70/8-11 Moo 9 Rojana Industrial Park, Tambon Tanu Aumphur Uthai, Ayuttaya 13210 (TH).

(74) Agent: **ROBINSON, Kristian**; ELLA CHEONG SPRU-SON & FERGUSON (SINGAPORE) PTE LTD, P.O.

Box 1531, Robinson Road Post Office, Singapore 903031 (SG).

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

(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, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, 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 (Art. 21(3))

(54) Title: APPARATUS AND METHOD FOR DEPOSITING AND CURING FLOWABLE MATERIAL

(57) Abstract: An apparatus for depositing and curing a curable material on a substrate comprising a deposition means configured to deposit the curable material on the substrate along a deposition path, and a light source configured to direct a beam of light on the deposited curable material to thereby at least partially cure the curable material and thereby prevent it from substantially deforming in shape.



WO 2009/136861 A1