



(51) International Patent Classification:
Not classified

(21) International Application Number:
PCT/SG2022/050737

(22) International Filing Date:
14 October 2022 (14.10.2022)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10202111422S 14 October 2021 (14.10.2021) SG

(71) Applicant: NATIONAL UNIVERSITY OF SINGAPORE [SG/SG]; 21 Lower Kent Ridge Road, Singapore 119077 (SG).

(72) Inventors: SAW, Min Hsian; c/o National University of Singapore, Solar Energy Research Institute of Singapore, 21 Lower Kent Ridge Road, Singapore 119077 (SG). NALLURI, Srinath; c/o National University of Singapore, Solar Energy Research Institute of Singapore, 21 Lower Kent Ridge Road, Singapore 119077 (SG). TAI, Kong Fai; c/o National University of Singapore, Solar Energy Research Institute of Singapore, 21 Lower Kent Ridge Road, Singapore 119077 (SG). PRAVETTONI, Mauro; c/o National University of Singapore, Solar Energy Research Institute of Singapore, 21 Lower Kent Ridge Road, Singapore 119077 (SG). KHOO, Yong Sheng; c/o National University of Singapore, Solar Energy Research Institute of Singapore, 21 Lower Kent Ridge Road, Singapore 119077 (SG). RAHARJO, Gavin Prasetyo; c/o National University of

Singapore, Solar Energy Research Institute of Singapore, 21 Lower Kent Ridge Road, Singapore 119077 (SG). LEOW, Shin Woei; c/o National University of Singapore, Solar Energy Research Institute of Singapore, 21 Lower Kent Ridge Road, Singapore 119077 (SG).

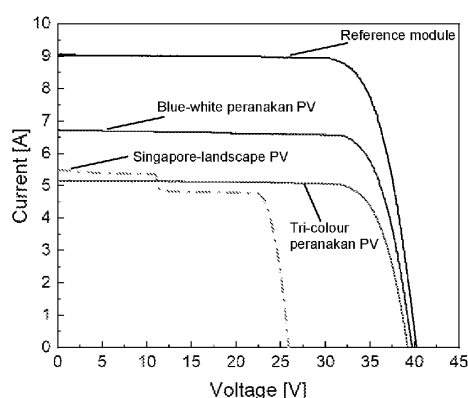
(74) Agent: PATEL, Upasana; Marks & Clerk Singapore LLP, Tanjong Pagar Post Office, P.O. Box 636, Singapore 910816 (SG).

(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, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

(54) Title: A COVER MEMBER FOR A PHOTOVOLTAIC DEVICE

Figure 3



(57) Abstract: A cover member for a photovoltaic (PV) device. There is provided a cover member for a photovoltaic (PV) device, the cover member comprising at least two coloured and/or patterned areas, wherein each of the at least two coloured and/or patterned areas provides uniform light transmittance such that in use, each solar cell comprised in the PV device has the same electrical efficiency.

Declarations under Rule 4.17:

— *of inventorship (Rule 4.17(iv))*

Published:

— *without international search report and to be republished
upon receipt of that report (Rule 48.2(g))*