



(51) International Patent Classification:
H02N 6/00 (2006.01)

(21) International Application Number:

PCT/US2010/041907

(22) International Filing Date:

14 July 2010 (14.07.2010)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/225,513

14 July 2009 (14.07.2009)

US

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(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, CL, 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, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, 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, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, 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, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK,

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(54) Title: PHOTOVOLTAIC DEVICE WITH PATTERNED GLASS CONCENTRATOR

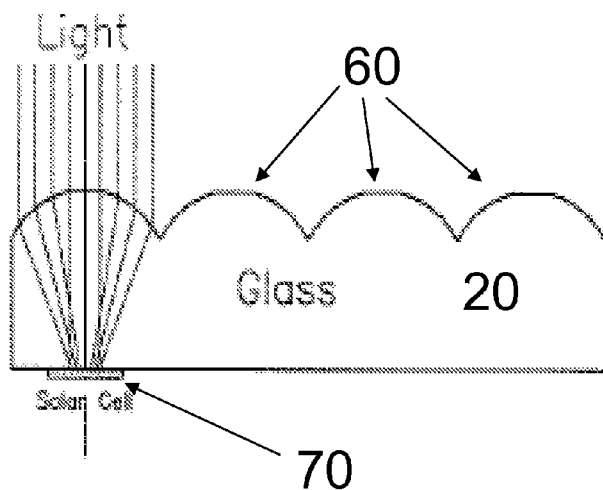


Figure 2

(57) Abstract: The present invention provides a photovoltaic device having an optical component that is capable of concentrating solar energy and method of making the same. More specifically, the present invention provides for an on-line produced patterned glass component that is capable of concentrating solar energy and allows for significantly less photovoltaic material to be used in a photovoltaic device. The present invention also provides for an on-line method of making the patterned glass and a method for making a photovoltaic device incorporating the patterned glass described herein.

WO 2011/008811 A1



SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, **Published:**
GW, ML, MR, NE, SN, TD, TG).

— *with international search report (Art. 21(3))*