



(51) International Patent Classification:

A01G 7/04 (2006.01) A01G 31/02 (2006.01)
A01G 9/20 (2006.01) F21V 14/00 (2018.01)

(21) International Application Number:

PCT/SG2024/050684

(22) International Filing Date:

25 October 2024 (25.10.2024)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

10202303200W 10 November 2023 (10.11.2023) SG

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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, 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, MU, 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, SC, 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: METHOD FOR MAKING A LIGHTING SYSTEM FOR PLANT GROWTH AND VIEWING AND A LIGHTING SYSTEM

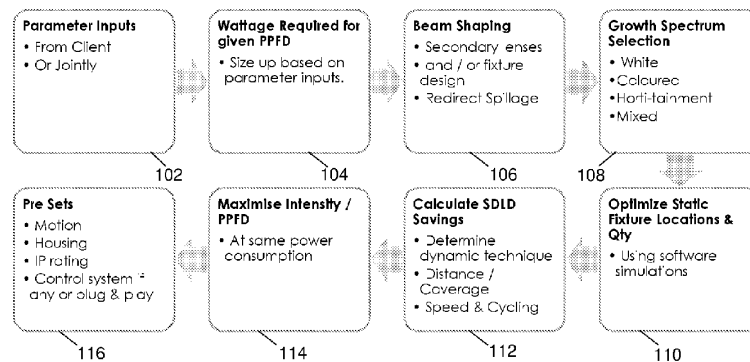


Fig. 1

(57) Abstract: A method for making a lighting system and the light system for plant growth and viewing, the method comprising: receiving parameters including plants to grow and size of an area provided for placing the plants to be grown; determining photosynthetic photon flux density (PPFD) for growing the plants; disposing light fixtures comprising light sources to direct light at the plants to provide the required PPFD; and configuring the light sources to focus light at different parts of the plants to provide even light distribution for the plants, wherein the light sources is configured to emit a spectrum of light, including coloured light for plant growth and white light for masking the coloured light to enable pleasant viewing of the plants, and disposing the light sources at a distance away from the plants, not obstructing viewing of the plants.

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- *as to the identity of the inventor (Rule 4.17(i))*
- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
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- *of inventorship (Rule 4.17(iv))*

Published:

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