

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

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
9 September 2011 (09.09.2011)

PCT

(10) International Publication Number
WO 2011/108991 A1

(51) International Patent Classification:

A61L 9/01 (2006.01) A61L 101/30 (2006.01)
A61L 9/014 (2006.01)

(21) International Application Number:

PCT/SG2010/000195

(22) International Filing Date:

25 May 2010 (25.05.2010)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

201001592-3 5 March 2010 (05.03.2010) SG

(71) Applicant (for all designated States except US): **ANTIBAC LABORATORIES PTE LTD** [SG/SG]; 53 Ubi Avenue 1, #05-55 Paya Ubi Industrial Park, Singapore 408934 (SG).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **LOW, Wah Boon** [SG/SG]; c/o Antibac Laboratories Pte Ltd, 53 Ubi Avenue 1, #05-55 Paya Ubi Industrial Park, Singapore 408934 (SG).

(74) Agent: **YU SARN AUDREY & PARTNERS**; 24 Raffles Place #27-01, Clifford Centre, Singapore 048621 (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, 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, SM, 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(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))
- of inventorship (Rule 4.17(iv))

Published:

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

(54) Title: AIR SANITIZER AND MALODOUR REMOVAL FORMULATION

(57) Abstract: There is provided a formulation for sanitizing air and reducing malodour in the air. The formulation comprises a malodour absorbing compound, an antimicrobial compound, wherein the antimicrobial compound is chemically incompatible with the malodour absorbing compound when mixed alone together, a solubiliser, and a chelating agent for the malodour absorbing compound, wherein the chelating agent prevents the formation of precipitate or a cloudy solution when the malodour absorbing compound is mixed with the antimicrobial compound in the presence of the solubiliser.



WO 2011/108991 A1