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

CORRECTED VERSION

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
27 December 2002 (27.12.2002)

PCT

(10) International Publication Number
WO 02/102777 A3

(51) International Patent Classification[7]: C07D 211/22

(21) International Application Number: PCT/US01/23994

(22) International Filing Date: 31 July 2001 (31.07.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
484/MAS/2001 18 June 2001 (18.06.2001) IN

(71) Applicant *(for all designated States except GD, US)*: **DR. REDDY'S LABORATORIES LTD.** [IN/IN]; 7-1-27 Ameerpet, Hyderabad 500016, A.P. (IN).

(71) Applicant *(for GD only)*: **CORD, Janet, I.** [US/US]; 26 West 61st Street, New York, NY 10023 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **REDDY, M., Satyanarayana** [IN/IN]; 7-1-27 Ameerpet, Hyderabad 500 016, A.P. (IN). **RAJAN, S., Thirumalai** [IN/IN]; 7-1-27 Ameerpet, Hyderabad 500016, A.P. (IN). **RAO, U., V., Bhaskara** [IN/IN]; 7-1-27 Ameerpet, Hyderabad 500016, A.P. (IN).

(74) Agent: **CORD, Janet, I.**; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US).

(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report*

(88) Date of publication of the international search report:
27 February 2003

(48) Date of publication of this corrected version:
30 October 2003

(15) Information about Correction:
see PCT Gazette No. 44/2003 of 30 October 2003, Section II

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 02/102777 A3

(54) Title: NOVEL CRYSTALLINE FORMS OF 4-[4-[4-(HYDROXYDIPHENYLMETHYL)-1-PIPERINDINYL]-1-HYDROXYBUTYL]-α, α-DIMETHYLBENZENE ACETIC ACID AND ITS HYDROCHLORIDE

(57) Abstract: The present invention is related to novel polymorph of Fexofenadine and Fexofenadine hydrochloride of formula 1 and process of preparation thereof. The present invention is also directed to provide pure novel polymorphs of Fexofenadine and its hydrochloride by a simple process which is cost effective, commercially viable and environment friendly.