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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
12 February 2009 (12.02.2009)

PCT

(10) International Publication Number
WO 2009/020897 A1

(51) International Patent Classification:
A61K 31/497 (2006.01) *A61K 31/4965* (2006.01)

(21) International Application Number:
PCT/US2008/072066

(22) International Filing Date: 4 August 2008 (04.08.2008)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/953,694 3 August 2007 (03.08.2007) US

(71) Applicant *(for all designated States except US)*: **FOREST LABORATORIES HOLDINGS LIMITED** [IE/—]; 18 Parliament Street, Milner House, Hamilton, HM12 (BM).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **ADHAM, Nika** [US/US]; 671 Summit Street, Englewood Cliffs, NJ 07632 (US). **SAMORISKI, Gary** [US/US]; 16 Estate Road, Hillsborough, NJ 08844 (US).

(74) Agents: **MITCHELL, Jonathan, Paul** et al.; Forest Laboratories, Inc., 909 Third Avenue, New York, NY 10022 (US).

(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, 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, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, 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, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report*

WO 2009/020897 A1

(54) **Title:** PHARMACEUTICAL COMPOSITIONS CONTAINING DOPAMINE RECEPTOR LIGANDS AND METHODS OF TREATMENT USING DOPAMINE RECPTOR LIGANDS

(57) **Abstract:** The present invention relates to pharmaceutical compositions containing dopamine receptor ligands and selective serotonin reuptake inhibitors and to methods of treating disorders such as schizophrenia, major depressive disorder and bipolar depression using combinations of dopamine receptor ligands and selective serotonin reuptake inhibitors. The present invention also relates to methods of treating depression using dopamine receptor ligands.