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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
18 March 2004 (18.03.2004)

PCT

(10) International Publication Number
WO 2004/022064 A1

(51) International Patent Classification[7]: A61K 31/5575, 47/10, 47/14, 47/36, A61P 15/10, A61K 9/00, 47/18

(21) International Application Number:
PCT/US2003/027885

(22) International Filing Date:
5 September 2003 (05.09.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/236,485 6 September 2002 (06.09.2002) US
60/483,278 27 June 2003 (27.06.2003) US

(71) Applicant: **NEXMED (HOLDINGS), INC.** [US/US]; 350 Corporate Drive, Robbinsville, NJ 08691 (US).

(72) Inventors: **YEAGER, James, L.**; 476 Oakwood Avenue, Lake Forest, IL 60045 (US). **BÜYÜKTIMKIN, Nadir**; 299 Meadowbrook Road, Robbinsville, NJ 08691 (US). **BÜYÜKTIMKIN, Servet**; 299 Meadowbrook Road, Robbinsville, NJ 08691 (US).

(74) Agents: **ZIMMERMAN, Roger, P.** et al.; Bowditch & Dewey, LLP, 161 Worcester Road, P.O. Box 9320, Framingham, MA 01701-9320 (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, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW.

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

Published:
— *with international search report*
— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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.

(54) Title: METHODS OF TREATMENT OF MALE ERECTILE DYSFUNCTION

(57) Abstract: The invention provides methods for the treatment of erectile dysfunction in a patient suffering from a co-morbid condition comprising placing in the *fossa navicularis* of the patient an erection-inducing amount of a semi-solid vasoactive prostaglandin composition.

WO 2004/022064 A1