

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
18 May 2007 (18.05.2007)

PCT

(10) International Publication Number
WO 2007/056432 A2

(51) International Patent Classification:
A61K 36/87 (2006.01)

(21) International Application Number:
PCT/US2006/043442

(22) International Filing Date:
7 November 2006 (07.11.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/733,784 7 November 2005 (07.11.2005) US

(71) Applicant (for all designated States except US):
PERQUE, INC. [US/US]; 14 Pidgeon Hill Drive,
Suite 300, Sterling, VA 20165 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **JAFFE, Russell, M.**
[US/US]; 10430 Hunter View Road, Vienna, Virginia
22181 (US).

(74) Agents: **VEITENHEIMER, Erich, E.** et al.; Cooley God-
ward Kronish LLP, The Bowen Building, 875 15th Street,
N.W., Suite 800, Washington, DC 20005-2221 (US).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, 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, LV, LY, MA, MD, 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, 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, HU, IE, IS, IT, LT, LU, LV, MC, NL, 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:

— without international search report and to be republished
upon receipt of that report

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

(54) Title: COMPOSITIONS FOR REGULATING INTESTINAL DISORDERS AND METHODS OF USE THEREOF

(57) Abstract: The invention relates to compositions comprising one or more prebiotics (e.g., one or more dietary fibers) in combi-
nation with selenium compounds, flavonoids and/or flavonols, and phosphatides. The invention also relates to methods of regulating
disorders, specifically disorders of the intestinal tract and related disorders, by administering a composition of the invention.



WO 2007/056432 A2