

(19) World Intellectual Property Organization
International Bureau



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

PCT

(10) International Publication Number
WO 2007/056131 A3

(51) International Patent Classification:
B65D 5/72 (2006.01)

[US/US]; 425 East 58th Street, Suite 36G, New York, NY 10022 (US). **SWISS, Stewart** [US/US]; 21 Abbingdon Drive, Lloyd Harbor, NY 11743 (US).

(21) International Application Number:

PCT/US2006/042940

(74) Agents: **CAPLAN, Jonathan, S.** et al.; Kramer Levin Naftalis & Frankel LLP, 1177 Avenue of the Americas, New York, NY 10036 (US).

(22) International Filing Date:

3 November 2006 (03.11.2006)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

11/267,868 3 November 2005 (03.11.2005) US
60/823,462 24 August 2006 (24.08.2006) US

(71) Applicant (for all designated States except US): **RESEAL INTERNATIONAL LIMITED PARTNERSHIP**
[US/US]; 445 Park Ave, Suite 900, New York, NY 10022 (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.

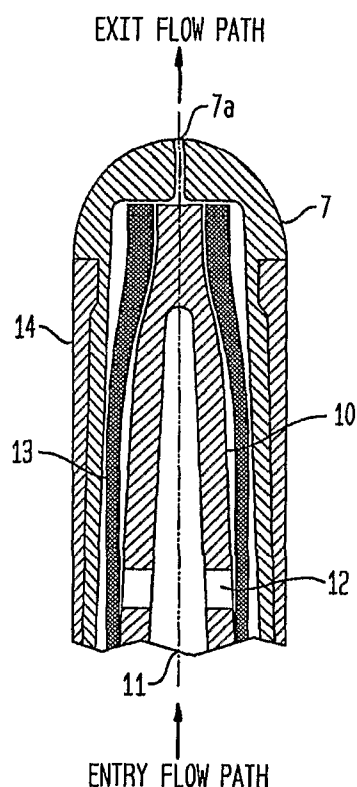
(72) Inventors; and

(75) Inventors/Applicants (for US only): **GREG, Pardes**

(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,

[Continued on next page]

(54) Title: CONTINUOUSLY SEALING ONE WAY VALVE ASSEMBLY AND FLUID DELIVERY SYSTEM FORMULATIONS FOR USE THEREIN



(57) Abstract: A reusable continuously sealing one-way valve assembly and delivery system flows a sterile flowable substance from a source to an outlet orifice and prevents any backflow of contaminants through the continuously sealing one way valve assembly when the flowable substance ceases to flow. The valve assembly includes an elastomeric membrane which aids in preventing any backflow of contaminants when dispensing of the flowable substance is stopped. Multiple dosing of preservative-free flowable substance is provided.



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).

(88) Date of publication of the international search report:
16 August 2007

Date of publication of the amended claims:
27 September 2007

Published:

- with international search report
- with amended claims

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.