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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
20 September 2007 (20.09.2007)

PCT

(10) International Publication Number
WO 2007/106590 A3

(51) International Patent Classification:
A61M 1/00 (2006.01)

(21) International Application Number:
PCT/US2007/006647

(22) International Filing Date: 14 March 2007 (14.03.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/782,171	14 March 2006 (14.03.2006)	US
Not furnished	13 March 2007 (13.03.2007)	US

(71) Applicant *(for all designated States except US)*: **KCI LICENSING INC.** [US/US]; Legal Department - Intellectual Property, P.o. Box 659508, San Antonio, TX 78265-9508 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **CORNET, Douglas, A.** [US/US]; 502 Pueblo Vista, San Antonio, TX 78258 (US). **MANWARING, Michael** [US/US]; 16703 Weyburn, San Antonio, TX 78248 (US). **SWAIN, Larry, D.** [US/US]; 12519 Elm Country Lane, San Antonio, TX 78230 (US). **KAGAN, Jonathan** [US/US]; 200 Homedale Road, Hopkins, MN 55343 (US).

(74) Agents: **BRIDI, Nadeem, G.** et al.; Kinetic Concepts, Inc., P.o. Box 659508, San Antonio, TX 78265-9508 (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, 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.

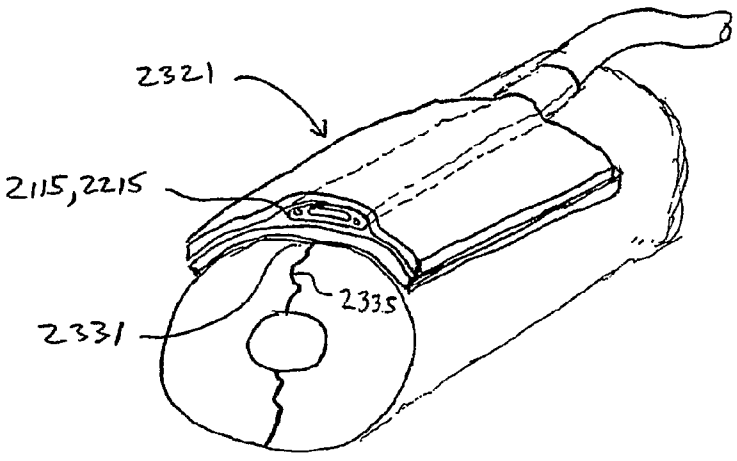
(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, 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).

Declaration under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

[Continued on next page]

(54) Title: SYSTEM FOR ADMINISTERING REDUCED PRESSURE TREATMENT HAVING A MANIFOLD WITH A PRIMARY FLOW PASSAGE AND A BLOCKAGE PREVENTION MEMBER



(57) Abstract: A reduced pressure delivery system is provided and includes a primary manifold, a blockage prevention member, and first and second conduits in fluid communication with the primary manifold. The primary manifold includes a flexible wall surrounding a primary flow passage and is adapted to be placed in proximity to a tissue site. The blockage prevention member is positioned within the primary flow passage. A plurality of apertures is disposed in the flexible wall to communicate with the primary flow passage. The first conduit is fluidly connected to the primary flow passage to deliver reduced pressure through the primary flow passage and the plurality of apertures. The second conduit includes an outlet proximate the primary flow passage or an outlet of the first conduit to purge the primary flow passage or first conduit to prevent blockages.

WO 2007/106590 A3

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*

(88) Date of publication of the international search report:
28 February 2008