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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
15 December 2005 (15.12.2005)

PCT

(10) International Publication Number
WO 2005/118054 A1

(51) International Patent Classification[7]: A61M 39/00, 5/172

(21) International Application Number: PCT/US2005/013350

(22) International Filing Date: 19 April 2005 (19.04.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/855,855 27 May 2004 (27.05.2004) US

(71) Applicant *(for all designated States except US)*: **BAXTER INTERNATIONAL INC.** [US/US]; ONE BAXTER PARKWAY, DEERFIELD, IL 60015 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **STEWART, Janice** [US/US]; 1202 Barclay Circle, Inverness, IL 60010 (US). **MEINZER, Randolph** [US/US]; 1703 Spruce Street, Spring Grove, IL 60081 (US). **BELLO, Debra, K.** [US/US]; 223 West Congressional Court, Vernon Hills, IL 60061 (US). **MULLAN, Janet** [US/US]; 23459 Eagle Nest Road, Antioch, IL 60002 (US). **BRUNDLE, Alan** [GB/US]; 609 South Cook Street, Barrington, IL 60010 (US). **JACOBSON, James, D.** [US/US]; 2729 Gettysburg Court, Lindenhurst, IL 60046 (US). **BUI, Tuan** [US/US]; 14436 Greenfield Court, Green Oaks, IL 60048 (US). **CHAU, Qui** [US/US]; 4520 Concord Lane, Skokie, IL 60076 (US).

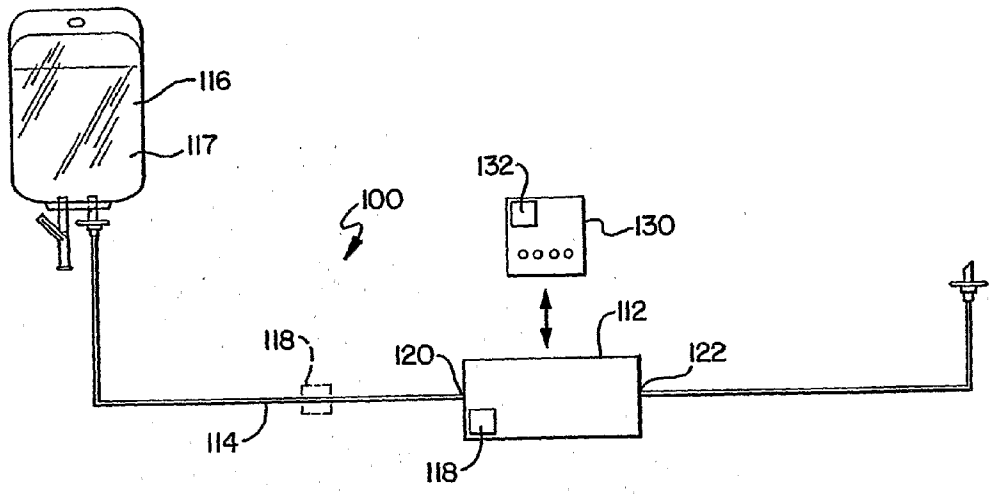
(74) Agents: **FOLEY, Austin, J.** et al.; Baxter International Inc., One Baxter Parkway, Deerfield, IL 60015 (US).

(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, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, 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,

[Continued on next page]

(54) Title: MEDICAL DEVICE CONFIGURATION BASED ON RECOGNITION OF IDENTIFICATION INFORMATION



(57) Abstract: A medical delivery system (10) is provided for delivering a medicament (17) or fluid (17) to a patient. The system comprises a disposable element such as a line set (14) associated with a container (16) containing the fluid (17), an identifier (18) associated with the line set (14) and having identification information associated therewith, and a delivery device (12) configured to engage the line set (14) and deliver the fluid (17) to the patient. The delivery device (12) includes a recognition system (20) that is capable of obtaining the identification information associated with the identifier (18). The identification information may include information regarding the identification of the fluid (17), a type of line set (14), or a type of administration associated with the line set (14). The device (12) can be capable of configuration based on the identification information.

WO 2005/118054 A1

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, 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:

— *with international search report*

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.