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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
21 March 2013 (21.03.2013)

WIPO | PCT

(10) International Publication Number
WO 2013/039615 A1

(51) International Patent Classification:
A61M 15/00 (2006.01) *A61M 16/06* (2006.01)
A61M 11/00 (2006.01) *A61M 16/08* (2006.01)

(21) International Application Number:
PCT/US2012/049778

(22) International Filing Date:
6 August 2012 (06.08.2012)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/534,848 14 September 2011 (14.09.2011) US

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(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, 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, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, 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, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report (Art. 21(3))*

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

WO 2013/039615 A1

(54) Title: INHALATION SYSTEMS, BREATHING APPARATUSES, AND METHODS

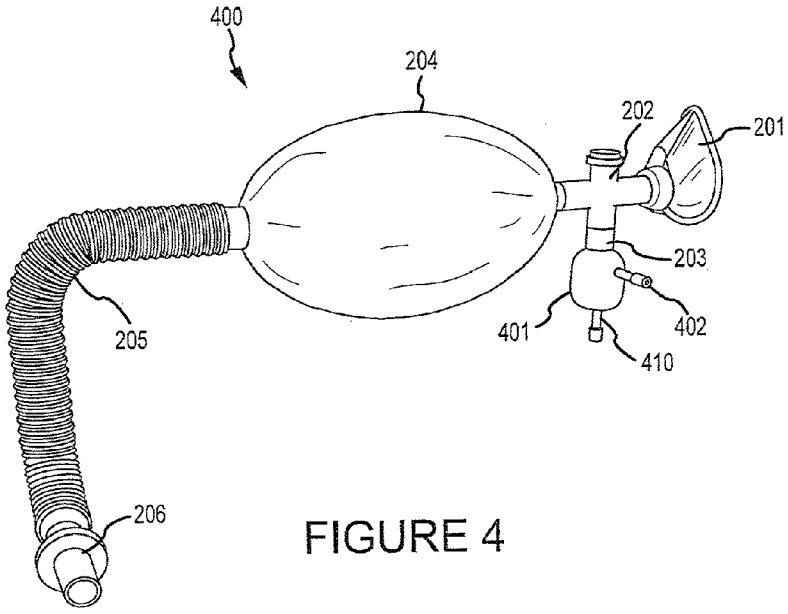


FIGURE 4

(57) Abstract: Examples of the invention include inhalation systems, breathing apparatuses, and methods for administering a solution by inhalation to a patient. Example breathing apparatuses described herein may be configured to minimize loss of the solution to the environment. Additionally or instead, example breathing apparatuses may be configured to recirculate exhaled solution to increase an amount of the solution available to a patient while minimizing exhausted solution. In some examples, breathing apparatuses may deliver nebulized platelet rich plasma ("PRP").