



(51) International Patent Classification:

A61M 16/12 (2006.01) F17C 13/00 (2006.01)
A61M 16/20 (2006.01)

(21) International Application Number:

PCT/US2009/045266

(22) International Filing Date:

27 May 2009 (27.05.2009)

(25) Filing Language:

English

(26) Publication Language:

English

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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, BR, BW, BY, BZ, CA, CH, 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, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, 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, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: DEVICES AND METHODS FOR ENGAGING INDEXED VALVE AND PRESSURIZED CANISTER ASSEMBLY WITH COLLAR AND FOR LINEAR ACTUATION BY PLUNGER ASSEMBLY INTO FLUID COMMUNICATION WITH DEVICE FOR REGULATING DRUG DELIVERY

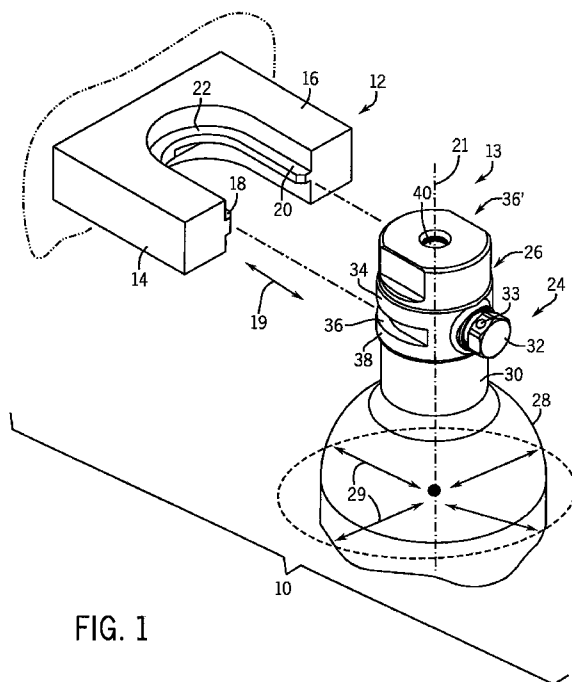


FIG. 1

(57) Abstract: An indexed drug delivery device (70) comprising a valve assembly (13) comprising a housing (26) and a valve, the valve disposed within the housing, one or more keys (34,38) integral to the housing, the keys complementary to corresponding openings on a collar (12), a pressurized canister (28) in fluid communication with the valve assembly, the canister containing an active pharmaceutical ingredient and an inactive carrier gas, a receiving assembly comprising a receptacle adapted to engage at least a portion of the housing, a seat adapted to engage the valve, and, a plunger assembly adapted to linearly actuate the valve assembly and canister along an axis and to engage the valve and seat, the plunger assembly comprising a carriage fixed to the collar, and, a lever having a cam adapted to engage a spring, the spring adapted to linearly actuate the carriage, valve assembly, canister and collar along the axis.

WO 2010/138114 A1



Published:

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