

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
13 April 2023 (13.04.2023)



(10) International Publication Number
WO 2023/060193 A1

(51) International Patent Classification:

A61M 5/315 (2006.01) *F16H 25/20* (2006.01)
A61M 5/48 (2006.01)

(21) International Application Number:

PCT/US2022/077695

(22) International Filing Date:

06 October 2022 (06.10.2022)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/253,079	06 October 2021 (06.10.2021)	US
63/364,390	09 May 2022 (09.05.2022)	US

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(54) Title: SYSTEM FOR ORGAN INJECTION

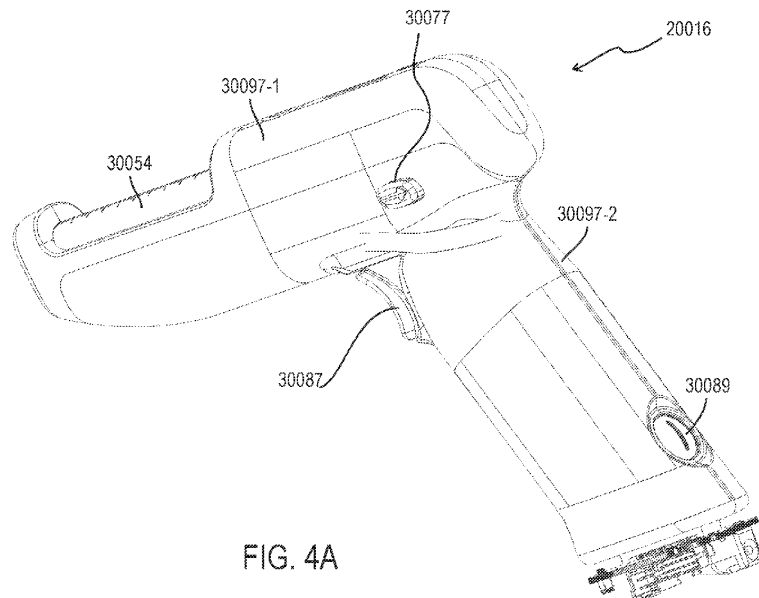


FIG. 4A

(57) Abstract: A system and method to enable treatment through cell therapy. The system can enable cell injection such as, for example, injecting beta cells/islets, cartilage cells, fat cells, and others. The system and method ensure that the delivery rate and delivered volume of the material pumped through a tube and into the injection needle is consistent over the course of the start-operation-stop process from run to run. The system and method can automatically stop delivery and alarm if an occlusion is detected during delivery.

[Continued on next page]



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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, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, 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, ST, 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, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, 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))