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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
07 September 2023 (07.09.2023)

WIPO | PCT

(10) International Publication Number
WO 2023/168316 A1

(51) International Patent Classification:
A61K 9/00 (2006.01)

(21) International Application Number:
PCT/US2023/063548

(22) International Filing Date:
02 March 2023 (02.03.2023)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

63/316,629	04 March 2022 (04.03.2022)	US
63/318,827	11 March 2022 (11.03.2022)	US
63/425,400	15 November 2022 (15.11.2022)	US

(72) Inventors; and

(71) Applicants: **OGBURN, Michael** [US/US]; 25 Lark, Lake Forest, California 92630 (US). **PRICE, Christopher** [US/US]; 16 Summerfield Drive, Monroe Township, New Jersey 08831 (US).

(74) Agent: **LABRECK, Patrick** et al.; c/o Greenberg Traurig, LLP, 2101 L Street, N.W., Suite 1000, Washington, District of Columbia 20037 (US).

(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, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, 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,

(54) Title: ENTERIC COATED DRY POWDERED CANNABINOID FORMULATIONS

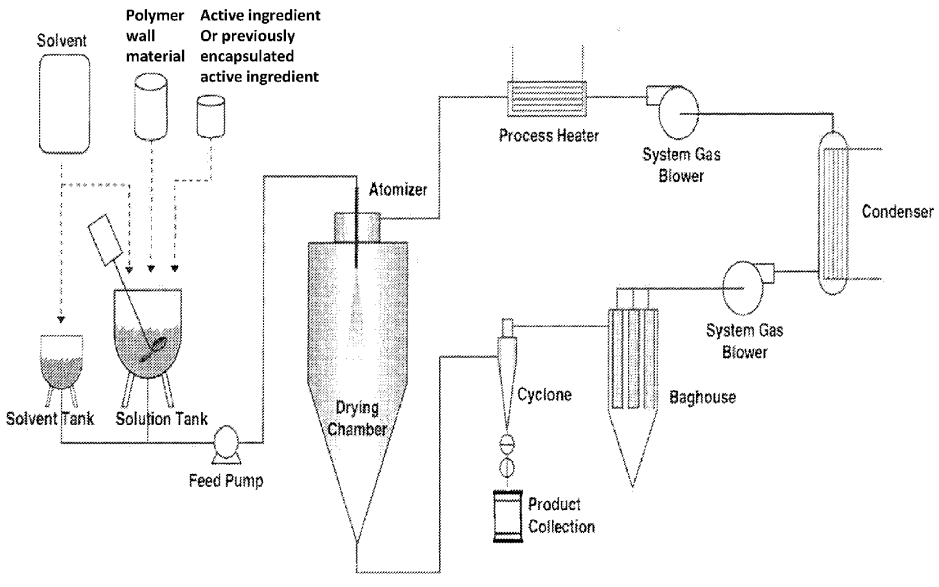


FIG. 1

(57) Abstract: Provided herein are pharmaceutical compositions, kits comprising pharmaceutical compositions, methods of treating disease, and methods of making compositions and kits described herein. The pharmaceutical compositions described herein are powdery pharmaceutical compositions. The powdery pharmaceutical compositions herein can contain particles that are encapsulated with multiple layers of material.

WO 2023/168316 A1

[Continued on next page]

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))*