



(51) International Patent Classification:

A61L 27/24 (2006.01) A61L 27/52 (2006.01)
A61L 27/36 (2006.01)

(21) International Application Number:

PCT/US2020/053940

(22) International Filing Date:

02 October 2020 (02.10.2020)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/910,029 03 October 2019 (03.10.2019) US
62/987,390 10 March 2020 (10.03.2020) US

(71) Applicant: CYPHI LLC [US/US]; 1040 Biscayne Boulevard, Suite 3306, Miami, Florida 33139 (US).

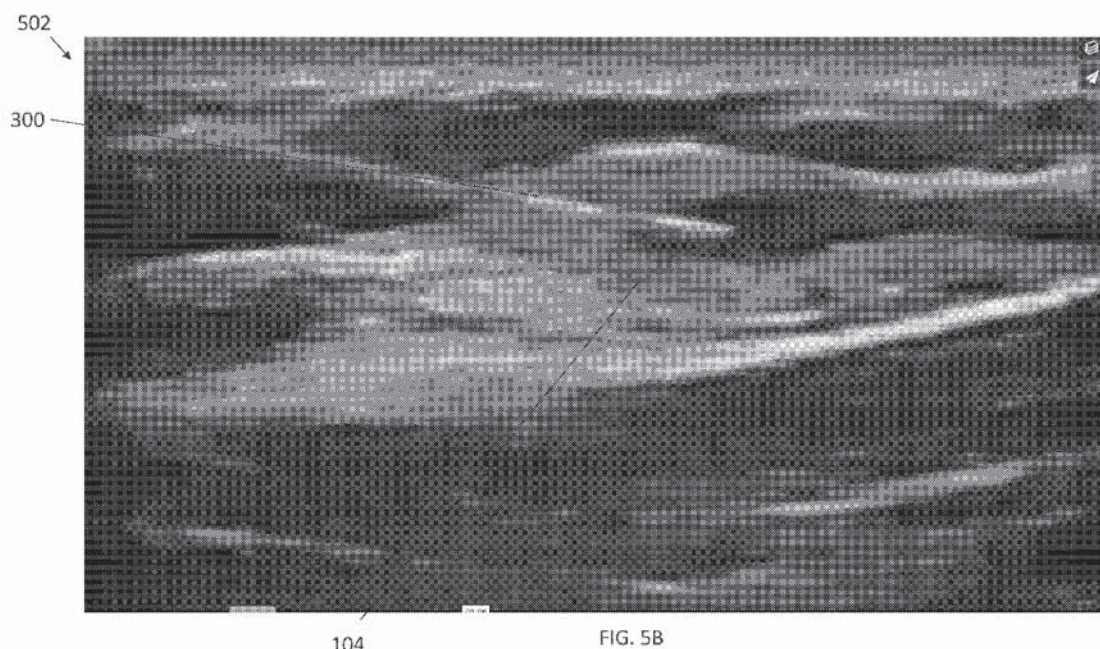
(72) Inventor: GAUTAM, Abhinav; 1800 Purdy Avenue, Apt. 2212, Miami Beach, Florida 33139 (US).

(74) Agent: MILLS, Jeffrey K.; MEDLER FERRO WOODHOUSE & MILLS PLLC, 8201 Greensboro Drive, Suite 1060, McLean, Virginia 22102 (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, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, IT, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, 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, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM,

(54) Title: METHOD OF CONNECTIVE TISSUE RESTORATION



(57) Abstract: The present application provides methods of restoring connective tissue in a patient, utilizing a combination of imaging techniques and minimally invasive tissue remodeling and regeneration, in combination with regenerative proteins. The methods provide a method for treating pain, mobility constraints, and stiffness issues across the interstitial layer (from head to toe), and in various joints and other areas where connective tissues are present. Also provided are kits for carrying out the various methods described herein.



TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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))*