



(43) International Publication Date
27 March 2014 (27.03.2014)

(51) International Patent Classification:

A61K 31/722 (2006.01) A61K 31/505 (2006.01)
A61K 31/40 (2006.01) A61K 38/22 (2006.01)
A61K 31/4418 (2006.01) A61K 38/43 (2006.01)
A61K 31/405 (2006.01) A61K 31/711 (2006.01)
A61K 31/366 (2006.01) A61K 31/7105 (2006.01)
A61K 31/47 (2006.01) A61K 35/12 (2006.01)
A61K 31/225 (2006.01) A61P 9/00 (2006.01)

(21) International Application Number:

PCT/US2013/046041

(22) International Filing Date:

14 June 2013 (14.06.2013)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

13/573,569 24 September 2012 (24.09.2012) US

(71) Applicant: **CORMATRIX CARDIOVASCULAR, INC.**
[US/US]; 1100 Ole Ellis Road, Roswell, GA 30076 (US).

(72) Inventor: **MATHENY, Robert, G.**; 4370 River Bottom
Drive, Norcross, GA 30092 (US).

(74) Agent: **FRANCIS, Ralph, C.**; Francis Law Group, 512
Westline Drive, Suite 301, Alameda, CA 94501 (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, 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, 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, PA, 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, KM, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report (Rule 48.2(g))

(54) Title: METHOD AND SYSTEM FOR TREATMENT OF BIOLOGICAL TISSUE

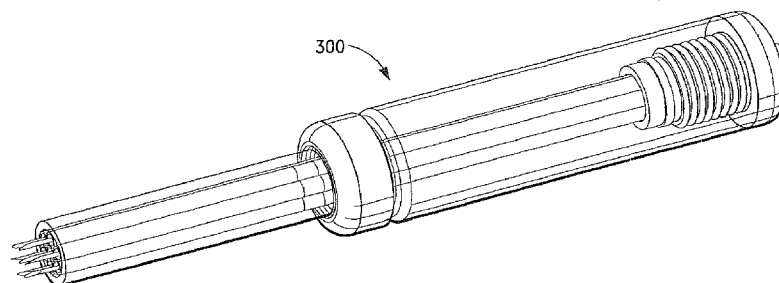


FIG. 3B

(57) Abstract: A composition for reconstruction, replacement or repair of damaged or diseased biological tissue comprising an extracellular matrix (ECM) composition that includes an ECM scaffold component and a bioactive agent component. In a preferred embodiment, the ECM scaffold component comprises mesothelial tissue and the bioactive agent comprises a statin.

