



(51) International Patent Classification:

A61F 2/24 (2006.01) *A61B 17/122* (2006.01)
A61B 17/12 (2006.01)

(21) International Application Number:

PCT/US2022/012266

(22) International Filing Date:

13 January 2022 (13.01.2022)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/138,309 15 January 2021 (15.01.2021) US

(71) Applicant: **EDWARDS LIFESCIENCES CORPO-**
RATION [US/US]; One Edwards Way, Irvine, CA 92614
(US).

(72) **Inventors: DEUSCHL, Florian, Georg:** Edwards Lifesciences, One Edwards Way, Legal Department, Irvine, CA 92614 (US). **OKOS, Chris, J.:** Edwards Lifesciences, One Edwards Way, Legal Department, Irvine, CA 92614 (US). **CHU, Waina, Michelle:** Edwards Lifesciences, One Edwards Way, Legal Department, Irvine, CA 92614 (US). **PHAN, Jian, Lin:** Edwards Lifesciences, One Edwards Way, Legal Department, Irvine, CA 92614 (US).

FRESCHAUF, Lauren, R.; Edwards Lifesciences, One Edwards Way, Legal Department, Irvine, CA 92614 (US).
CHEN, Wen, Yan; Edwards Lifesciences, One Edwards Way, Legal Department, Irvine, CA 92614 (US).

(74) **Agent:** **RICHARDSON, Thomas, C.** et al.; Edwards Lifesciences, One Edwards Way, Irvine, CA 92614 (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, 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, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM,

(54) Title: HEART VALVE SEALING DEVICES AND DELIVERY DEVICES THEREFOR

(57) Abstract: An implantable device is configured to be positioned within a native heart valve to allow the native heart valve to form a more effective seal. The implantable device includes a first cover portion and a second cover portion. The second cover portion has a lower coefficient of friction than the first cover portion.

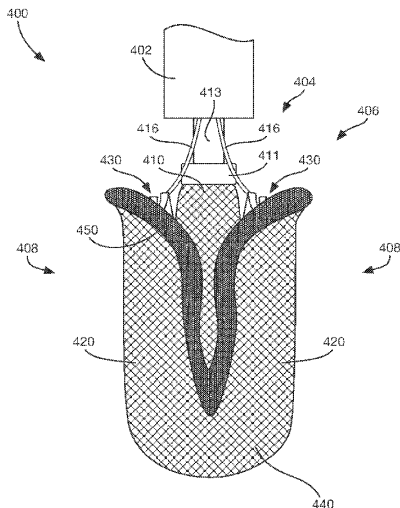


FIG. 58

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))*

(88) Date of publication of the international search report:

25 August 2022 (25.08.2022)