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BEFORE THE PATENT TRIAL AND APPEAL BOARD

EDWARDS LIFESCIENCES CORPORATION, EDWARDS
LIFESCIENCES LLC, AND EDWARDS LIFESCIENCES AG,

Petitioners,

v.

BOSTON SCIENTIFIC SCIMED, INC.,

Patent Owner.

Case IPR2017-00060

Patent 8,992,608

PATENT OWNER'S UPDATED EXHIBIT LIST

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U.S. Patent & Trademark Office
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PATENT OWNER'S UPDATED EXHIBIT LIST

| Exhibit No. | Description |
|-------------|---|
| 2001 | Sapien 3 Brochure, "Transcatheter Aortic Valve Replacement with the Edwards SAPIEN 3 Transcatheter Heart Valve," 2016 |
| 2002 | Press Release: FDA approves expanded indication for two transcatheter heart valves for patients at intermediate risk for death or complications associated with open-heart surgery, FDA 8/18/2016 |
| 2003 | Thourani, V. H., et al., Transcatheter aortic valve replacement versus surgical valve replacement in intermediate-risk patients : a propensity score analysis, <i>The Lancet</i> , Apr. 3, 2016 |
| 2004 | Lerakis et al., Paravalvular Aortic Leak After Transcatheter Aortic Valve Replacement Current Knowledge, <i>Circulation</i> , Jan. 22, 2013, p. 397-407 |
| 2005 | Cribier et al., Mid-Term Experience of Percutaneous Heart Valves, <i>JACC</i> 47:1214:23 (2006) |
| 2006 | Bentall, H.H., De Bono, A.: A technique for complete replacement of the ascending aorta, <i>Thorax</i> , 23:338-39 (1968) |
| 2007 | Order re: Motions for Summary Judgment, <i>Medtronic Inc. v. Edwards Lifesciences Corp., et al.</i> , No. 12-0327, Dkt. 414 (C.D. Cal. Sept. 17, 2013) |
| 2008 | Report and Recommendation at 11, n.6, <i>W.L. Gore & Assocs. v. C.R. Bard, Inc.</i> , Civ. A. No. 11-515-LPS-CJB, Dkt. 428 (D. Del. Nov. 9, 2015) |
| 2009 | Declaration of Marc A. Cohn in Support of Motion for Pro Hac Vice Admission (May 9, 2017) |
| 2010 | Declaration of Matthew M. Wolf in Support of Motion for Pro Hac Vice Admission (May 9, 2017) |
| 2011 | Declaration of Edward Han in Support of Motion for Pro Hac Vice Admission (May 9, 2017) |
| 2012 | Proposed Stipulated Protective Order (June 20, 2017) |
| 2013 | Comparison to Default Protective Order (June 20, 2017) |

| Exhibit No. | Description |
|--------------------|--|
| 2014 | Edwards SAPIEN Transcatheter Heart Valve (THV) - P100041, U.S. Food & Drug Admin. (Sept. 6, 2013), https://wayback.archive-it.org/7993/20161023015438/http://www.fda.gov/MedicalDevices/ProductsandMedicalProcedures/DeviceApprovalsandClearances/Recently-ApprovedDevices/ucm280840.htm |
| 2015 | Press Release: Edwards Lifesciences Receives CE Mark for Edwards SAPIEN Transcatheter Heart Valve, Edwards Lifesciences (Sept. 5, 2007) |
| 2016 | Press Release: Edwards Lifesciences Announces First Human Implants With 18 French Transcatheter Valve System, Edwards Lifesciences (May 14, 2009) |
| 2017 | SAPIEN XT Valve Product Overview, Edwards Lifesciences, http://www.edwards.com/devices/heart-valves/sapien-xt-valve (last visited June 21, 2017) |
| 2018 | Ramin S. Hastings & Isaac George, The Sapien 3 Valve, Cardiac Interventions Today, Mar./Apr. 2016 |
| 2019 | Susheel Kodali et al., Paravalvular Regurgitation after Transcatheter Aortic Valve Replacement with the Edwards Sapien Valve in the PARTNER trial: characterizing patients and impact on outcomes, Eur. Heart J. (2014) |
| 2020 | Press Release: Edwards Lifesciences Receives FDA Approval for First Catheter-Based Aortic Heart Valve in the U.S., Edwards Lifesciences (Nov. 2, 2011) |
| 2021 | Press Release: Edwards Lifesciences Launching Sapien XT Valve In The U.S., Edwards Lifesciences (June 16, 2014) |
| 2022 | TAVR By Edwards: Our Latest Valve, Edwards Lifesciences, https://tavrbyedwards.com/our-latest-heart-valve-sapien-3 (last visited Nov. 14, 2016) |
| 2023 | Press Release: Edwards Receives European Approval for Advanced SAPIEN 3 Valve, Edwards Lifesciences (Jan. 27, 2014) |
| 2024 | Takahide Arai et al., Comparison of Edwards SAPIEN 3 versus SAPIEN XT in transfemoral transcatheter aortic valve implantation: Difference of valve selection in the real world, J. Cardiology (2016) |
| 2025 | Edwards Lifesciences (EW) Michael A. Mussallem on Q1 2015 Results - Earnings Call Transcript |
| 2026 | Edwards Lifesciences (EW) Michael A. Mussallem on Q4 2015 Results - Earnings Call Transcript |

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|-------------|--|
| 2027 | Press Release: Edwards SAPIEN 3 Transcatheter Heart Valve Receives Expanded Indication From FDA, Edwards Lifesciences (Aug. 18, 2016) |
| 2028 | Deposition Transcript of Nigel P. Buller, M.D., dated June 15, 2017 |
| 2029 | Transcript of Proceedings, <i>Cordis Corp. v. Boston Scientific Corp.</i> , No. 10-39-SLR, Dkt. 275 (D. Del. May 11, 2012) |
| 2030 | U.S. Patent No. 7,276,078 to Spenser et al. |
| 2031 | Slide Deck titled "SAPIEN 3 26mm CDR Nov 2010" (EDWARDS 01933840-939) |
| 2032 | <i>Boston Scientific Corp. v. Edwards Lifesciences Corp.</i> , No. 16-275-SLR-SRF, Dkt. 186 (D. Del. June 1, 2017) |
| 2033 | Edwards SAPIEN 3 Transcatheter Heart Valve, Edwards Lifesciences, http://www.edwards.com/devices/Heart-Valves/Transcatheter-Sapien-3 (last visited June 21, 2017) |
| 2034 | Slide Deck titled "Edwards SAPIEN 3 Transcatheter Heart Valve with the Edwards Commander System 23/26/29 mm Sizes Procedural Training Manual" (EDWARDS 01026580-751) |
| 2035 | Photograph of Sapien 3 Valve (BSC-EDW0059565) |
| 2036 | Permanent PVL Locking Stitch to Skirt, Element ID 220 (EDWARDS 01026527-35) |
| 2037 | Press Release: FDA approves SAPIEN 3 THV artificial heart valve, FDA (June 17, 2015) |
| 2038 | TAVI <i>talk</i> Designing the Future of TAVI - A Technology-Focused Edition: The SAPIEN 3 Valve, Edwards Lifesciences, Summer 2014 |
| 2039 | Document titled "Meeting with Physicians: PHV sizing and paravalvular Leak" dated May 23, 2003 (EDWARDS00743914-18) |
| 2040 | Patent application (EDWARDS 01032820-88) |
| 2041 | Document titled "Summary of Stanley's and Larry's visit July 27-29, 2004" (EDWARDS 01033971-90) |

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|-------------|---|
| 2042 | Document titled "Visit Summary Stu, Keith, Jan, Mark K., Larry, Stanley & Laksen," dated May 24, 2006 (EDWARDS 01033782-825) |
| 2043 | Document titled "Summary of Management Quarterly Visit July 12-14, 2005" (EDWARDS 01033844-86) |
| 2044 | Slide Deck titled "THV2 Design Commitment Review," dated May 13, 2007 (EDWARDS00260617-58) |
| 2045 | Slide Deck titled "PHV2," dated March 2006 (EDWARDS 02438701-26) |
| 2046 | Slide Deck titled "Limited Clinical Feasibility (FIM) Design Review SAPIEN 3 with the NovaFlex 4 Delivery System (DS) and Accessories" (EDWARDS 0174788-849) |
| 2047 | Document titled "FACT SHEET: Cribier-Edwards Percutaneous Aortic Heart Valve," Edwards Lifesciences |
| 2048 | Ali N. Azadani et al., Energy Loss Due to Paravalvular Leak With Transcatheter Aortic Valve Implantation, 88 Annals Thoracic Surgery 1857 (2009) |
| 2049 | Philippe Généreux et al., Paravalvular Leak After Transcatheter Aortic Valve Replacement, 61 J. Am. C. Cardiology 1125 (2013) |
| 2050 | Ignacio Cruz-González et al., Paravalvular Leak Closure After Transcatheter Aortic Valve Implantation Simultaneously Using Amplatzer Vascular Plug III and IV Devices, 68 Revista Española Cardiología 1035 (2015) |
| 2051 | Martin B. Leon slide deck titled "A Randomized Evaluation of the SAPIEN XT Transcatheter Valve System in Patients with Aortic Stenosis Who Are Not Candidates for Surgery: PARTNER II, Inoperable Cohort," dated March 10, 2013, available at http://www.acc.org/~media/Clinical/PDF-Files/Approved-PDFs/2011/04/04/07/06/PARTNER-2-ACC13-Presentation-Slides.pdf |
| 2052 | Vinod H. Thourani slide deck titled "SAPIEN 3 Transcatheter Aortic Valve Replacement Compared with Surgery in Intermediate-Risk Patients: A Propensity Score Analysis," dated April 3, 2016, available at https://www.acc.org/~media/Clinical/PDF-Files/Approved-PDFs/2016/03/29/08/33/SUN%201145am%20ACC16%20Slides%20PARTNER%20II%20Sapien%203.ppt |

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