

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

MEDTRONIC, INC., AND MEDTRONIC VASCULAR, INC.,
Petitioner,

v.

TELEFLEX LIFE SCIENCES LIMITED,
Patent Owner.

Case IPR2020-01341
Patent 8,142,413

PETITIONER'S EXHIBIT LIST

EXHIBIT LIST¹

| Exhibit | Description |
|----------------|---|
| 1001 | U.S. Patent No. 8,142,413 (“the ’413 patent”) |
| 1002 | [RESERVED] |
| 1003 | File history for U.S. Patent No. 8,142,413 |
| 1004 | Assignment record of the ’413 patent from the USPTO assignment database |
| 1005 | Declaration of Doctor Stephen JD Brecker, M.D. |
| 1006 | Curriculum Vitae of Doctor Stephen JD Brecker, M.D. |
| 1007 | U.S. Patent No. 7,736,355 (“Itou”) |
| 1008 | U.S. Patent No. 7,604,612 (“Ressemann”) |
| 1009 | U.S. Patent No. 5,439,445 (“Kontos”) |
| 1010 | <i>New Method to Increase a Backup Support of a 6 French Guiding Coronary Catheter</i> , Catheterization and Cardiovascular Interventions 63: 452-456 (2004) (“Takahashi”) |
| 1011 | Excerpt of prosecution history of U.S. Patent No. 8,048,032 (Application 11/416,629) (Amendment and Response, April 6, 2009) |
| 1012 | Joint Claim Construction Statement in <i>QXMedical, LLC v. Vascular Solutions, Inc.</i> , D. Minn., No. 17-cv-01969 (January 10, 2018), D.I. 36; D.I. 36-1. |
| 1013 | <i>Markman</i> Order in <i>QXMedical, LLC v. Vascular Solutions, Inc.</i> , D. Minn., No. 17-cv-01969 (October 30, 2018), D.I. 102 |
| 1014 | Meads, C., et al., <i>Coronary artery stents in the treatment of ischaemic heart disease: a rapid and systematic review</i> , Health Technology Assessment 2000 4(23) (“Meads”) |

¹ Note: Significant gaps in sequential numbering—noted by the “RESERVED” designations—are to maintain numbering of exhibits consistent with related IPR proceedings (IPR2020-00126, -00127, -00128, -00129, -00130, -00132, -00134, -00135, -00136, -00137, -00138), for the Board’s convenience.

| Exhibit | Description |
|----------------|--|
| 1015 | Excerpt from Grossman's Cardiac Catheterization, Angiography, and Intervention (6th edition) (2000) (chapters 1, 4, 11, 23-25). |
| 1016 | US Patent Publication 2003/0233117 ("Adams '117") |
| 1017 | U.S. Patent No. 5,902,290 ("Peacock") |
| 1018 | U.S. Patent No. 5,891,056 ("Ramzipoor") |
| 1019 | U.S. Patent No. 6,398,773 ("Bagaoisan") |
| 1020 | Mehan, <i>Coronary Angioplasty through 4 French Diagnostic Catheters</i> , Catheterization and Cardiovascular Interventions 30:22-26 (1993) ("Mehan") |
| 1021 | Excerpt of prosecution history for application 11/232,876 (Office Action, 6/20/09) |
| 1022 | Cordis, Instructions for Use, CYPHER™ (April 2003) |
| 1023 | Medtronic, Summary of Safety and Effectiveness Data, Driver™ Coronary Stent System (October 1, 2003) |
| 1024 | Boston Scientific, Summary of Safety and Effectiveness Data, TAXUS™ Express ² ™ Drug-Eluting Coronary Stent System (March 4, 2004) |
| 1025 | U.S. Publication Application No. 2005/0015073 ("Kataishi") |
| 1026 | U.S. Patent No. 5,489,278 ("Abrahamson") |
| 1027 | U.S. Patent No. RE45,776 ("Root") |
| 1028 | Baim, <i>Randomized Trial of a Distal Embolic Protection Device During Percutaneous Intervention of Saphenous Vein Aorto-Coronary Bypass Grafts</i> , Circulation 105:1285-1290 (2002) ("Baim") |
| 1029 | Limbruno, <i>Mechanical Prevention of Distal Embolization During Primary Angioplasty</i> , Circulation 108:171-176 (2003) ("Limbruno") |
| 1030 | U.S. Patent No. 5,413,560 ("Solar '560") |
| 1031 | Schöbel, <i>Percutaneous Coronary Interventions Using a New 5 French Guiding Catheter: Results of a Prospective Study</i> , Catheterization & Cardiovascular Interventions 53:308-312 (2001) ("Schöbel") |

| Exhibit | Description |
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| 1032 | <i>The sliding rail system (monorail): description of a new technique for intravascular instrumentation and its application to coronary angioplasty</i> , Z. Kardio. 76:Supp. 6, 119-122 (1987) (“Bonzel”) |
| 1033 | U.S. Publication Application No. 2004/0236215 (Mihara) |
| 1034 | U.S. Patent No. 5,527,292 (“Adams ’292”) |
| 1035 | U.S. Publication Application No. 2004/0010280 (“Adams ’280”) |
| 1036 | Williams et al., <i>Percutaneous Coronary Intervention in the Current Era Compared with 1985-1986</i> , Circulation (2000) 102:2945-2951. |
| 1037 | Dorros, G., et al., <i>Coronary Angioplasty in Patients with Prior Coronary Artery Bypass Surgery</i> , Cardiology Clinics 7(4): 791-803 (1989) |
| 1038 | Ozaki et al, <i>New Stent Technologies</i> , Progress in Cardiovascular Disease 2:129-140 (1996) |
| 1039 | Urban et al., <i>Coronary stenting through 6 French Guiding Catheters, Catheterization and Cardiovascular Diagnosis</i> (1993) 28:263-266 |
| 1040 | Excerpt of McGraw-Hill Dictionary of Scientific and Technical Terms (5th edition) (1994) (defining “flexural modulus”) |
| 1041 | Excerpt from Kern’s <i>The Interventional Cardiac Catheterization Handbook</i> (2nd edition) (2004) (chapter 1)). |
| 1042 | Declaration of Dr. Richard A. Hillstead, Ph.D. |
| 1043 | Curriculum Vitae of Dr. Richard A. Hillstead, Ph.D. |
| 1044 | U.S. Patent No. 5,961,510 (“Fugoso”) |
| 1045 | U.S. Patent No. 6,199,262 (“Martin”) |
| 1046 | U.S. Patent No. 6,042,578 (“Dinh”) |
| 1047 | WO 97/37713 (“Truckai”) |
| 1048 | Terumo Heartrail II product literature |
| 1049 | Medtronic Launcher product literature |
| 1050 | U.S. Patent No. 5,980,486 (“Enger”) |
| 1051 | U.S. Patent No. 5,911,715 (“Berg”) |
| 1052 | U.S. Patent No. 5,545,149 (“Brin”) |
| 1053 | U.S. Patent No. 5,720,300 (“Fagan”) |

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| 1054 | U.S. Patent No. 5,120,323 (“Shockey”) |
| 1055 | Sakurada, <i>Improved Performance of a New Thrombus Aspiration Catheter: Outcomes From In Vitro Experiments and a Case Presentation</i> (“Sakurada”) |
| 1056 | Nordenstrom, <i>New Instruments for Catheterization and Angiocardiology</i> (“Nordenstrom”) |
| 1057 | U.S. Patent No. 5,445,625 (“Voda”) |
| 1058 | U.S. Patent No. 6,595,952 (“Forsberg”) |
| 1059 | U.S. Patent No. 6,860,876 (“Chen”) |
| 1060 | U.S. Patent No. 6,638,268 (“Niazi”) |
| 1061 | U.S. Patent No. 5,690,613 (“Verbeek”) |
| 1062 | Iserson, <i>J.-F.-B. Charrière: The Man Behind the “French” Gauge</i> , The Journal of Emergency Medicine. Vol. 5 pp 545-548 (1987) |
| 1063 | U.S. Publication Application No. 2003/0195546 (“Solar ’546”) |
| 1064 | QXMédical, LLC’s Opening Claim Construction Memorandum <i>QXMedical, LLC v. Vascular Solutions, Inc.</i> , D. Minn., No. 17-cv-01969 (March 14, 2018), D.I. 56 |
| 1065 | U.S. Patent No. 4,000,739 (“Stevens”) |
| 1066 | EP 0 881 921 B1 (“Lee”) |
| 1067 | U.S. Patent No. 5,451,209 (“Ainsworth”) |
| 1068 | Defendants’ Memorandum in Opposition to Plaintiff’s Summary Judgment Motion and in Support of Defendants’ Summary Judgment Motion, <i>QXMedical, LLC v. Vascular Solutions LLC et al.</i> , 17-cv-01969-PJS-TNL (D. Minn 2019) |
| 1069 | Excerpt of prosecution history for application 14/195,435 (Office Action, 10/06/15) |
| 1070 | Metz, <i>Comparison of 6f with 7f and 8f guiding catheters for elective coronary angioplasty: Results of a prospective, multicenter, randomized trial</i> , American Heart Journal. Vol. 134, Number 1, pp 132-137 (“Metz”) |
| 1071 | Feldman, <i>Coronary Angioplasty Using New 6 French Guiding Catheters</i> , Catheterization and Cardiovascular Diagnosis 23:93-99 (1991) (“Feldman”) |
| 1072 | U.S. Patent No. 5,704,926 (“Sutton”) |

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