

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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

v.

TELEFLEX LIFE SCIENCES LIMITED,  
Patent Owner.

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Case IPR2020-01343  
Patent RE 46,116

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**PETITIONER'S EXHIBIT LIST**

**EXHIBIT LIST**<sup>1</sup>

<b>Exhibit</b>	<b>Description</b>
1001	U.S. Patent No. RE 46,116 (“the ’116 patent”)
1002	File history for U.S. Patent No. 8,292,850
1003	File history for U.S. Patent No. RE 46,116
1004	Assignment record of the ’116 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

<sup>1</sup> 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.

<b>Exhibit</b>	<b>Description</b>
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”)
1015	Excerpt from Grossman’s <i>Cardiac Catheterization, Angiography, and Intervention</i> (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> , <i>Catheterization and Cardiovascular Interventions</i> 30:22-26 (1993) (“Mehan”)
1021	Excerpt of prosecution history for application 11/232,876 (Office Action, 6/20/09)
1022	Cordis, <i>Instructions for Use, CYPHER™</i> (April 2003)
1023	Medtronic, <i>Summary of Safety and Effectiveness Data, Driver™ Coronary Stent System</i> (October 1, 2003)
1024	Boston Scientific, <i>Summary of Safety and Effectiveness Data, TAXUS™ Express<sup>2</sup>™ Drug-Eluting Coronary Stent System</i> (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> , <i>Circulation</i> 105:1285-1290 (2002) (“Baim”)
1029	Limbruno, <i>Mechanical Prevention of Distal Embolization During Primary Angioplasty</i> , <i>Circulation</i> 108:171-176 (2003) (“Limbruno”)
1030	U.S. Patent No. 5,413,560 (“Solar ’560”)

<b>Exhibit</b>	<b>Description</b>
1031	Schöbel, <i>Percutaneous Coronary Interventions Using a New 5 French Guiding Catheter: Results of a Prospective Study</i> , <i>Catheterization &amp; Cardiovascular Interventions</i> 53:308-312 (2001) (“Schöbel”)
1032	<i>The sliding rail system (monorail): description of a new technique for intravascular instrumentation and its application to coronary angioplasty</i> , <i>Z. Kardio.</i> 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> , <i>Circulation</i> (2000) 102:2945-2951.
1037	Dorros, G., et al., <i>Coronary Angioplasty in Patients with Prior Coronary Artery Bypass Surgery</i> , <i>Cardiology Clinics</i> 7(4): 791-803 (1989)
1038	Ozaki et al, <i>New Stent Technologies</i> , <i>Progress in Cardiovascular Disease</i> 2:129-140 (1996)
1039	Urban et al., <i>Coronary stenting through 6 French Guiding Catheters</i> , <i>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”)

<b>Exhibit</b>	<b>Description</b>
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”)
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 Angiocardiography</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> , <i>The Journal of Emergency Medicine</i> . 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”)

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