

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 IPR2020-01344
Patent RE 46,116

PETITIONER'S EXHIBIT LIST

EXHIBIT LIST

Exhibit	Description
1122	Images of Guideliner V1, V2, and V3 marked by Keith
1123	U.S. Patent 7,422,579 (“Wahr ’579”)
1124	[RESERVED]
1125	Declaration of Ryan E. Dornberger in Support of Motions for Pro Hac Vice Admission
1401	U.S. Patent No. RE 46,116 (“the ’116 patent”)
1402	File history for U.S. Patent No. 8,292,850
1403	File history for U.S. Patent No. RE 46,116
1404	Assignment record of the ’116 patent from the USPTO assignment database
1405	Declaration of Doctor Stephen JD Brecker, M.D.
1406	Curriculum Vitae of Doctor Stephen JD Brecker, M.D.
1407	U.S. Patent No. 7,736,355 (“Itou”)
1408	U.S. Patent No. 7,604,612 (“Ressemann”)
1409	U.S. Patent No. 5,439,445 (“Kontos”)
1410	<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”)
1411	Excerpt of prosecution history of U.S. Patent No. 8,048,032 (Application 11/416,629) (Amendment and Response, April 6, 2009)
1412	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.
1413	<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

Exhibit	Description
1414	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”)
1415	Excerpt from Grossman’s <i>Cardiac Catheterization, Angiography, and Intervention</i> (6th edition) (2000) (chapters 1, 4, 11, 23-25).
1416	US Patent Publication 2003/0233117 (“Adams ’117”)
1417	U.S. Patent No. 5,902,290 (“Peacock”)
1418	U.S. Patent No. 5,891,056 (“Ramzipoor”)
1419	U.S. Patent No. 6,398,773 (“Bagaoisan”)
1420	Mehan, <i>Coronary Angioplasty through 4 French Diagnostic Catheters</i> , <i>Catheterization and Cardiovascular Interventions</i> 30:22-26 (1993) (“Mehan”)
1421	Excerpt of prosecution history for application 11/232,876 (Office Action, 6/20/09)
1422	Cordis, Instructions for Use, CYPHER™ (April 2003)
1423	Medtronic, Summary of Safety and Effectiveness Data, Driver™ Coronary Stent System (October 1, 2003)
1424	Boston Scientific, Summary of Safety and Effectiveness Data, TAXUS™ Express ² ™ Drug-Eluting Coronary Stent System (March 4, 2004)
1425	U.S. Publication Application No. 2005/0015073 (“Kataishi”)
1426	U.S. Patent No. 5,489,278 (“Abrahamson”)
1427	U.S. Patent No. RE45,776 (“Root”)
1428	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”)
1429	Limbruno, <i>Mechanical Prevention of Distal Embolization During Primary Angioplasty</i> , <i>Circulation</i> 108:171-176 (2003) (“Limbruno”)

Exhibit	Description
1430	U.S. Patent No. 5,413,560 (“Solar ’560”)
1431	Schöbel, <i>Percutaneous Coronary Interventions Using a New 5 French Guiding Catheter: Results of a Prospective Study</i> , <i>Catheterization & Cardiovascular Interventions</i> 53:308-312 (2001) (“Schöbel”)
1432	<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”)
1433	U.S. Publication Application No. 2004/0236215 (Mihara)
1434	U.S. Patent No. 5,527,292 (“Adams ’292”)
1435	U.S. Publication Application No. 2004/0010280 (“Adams ’280”)
1436	Williams et al., <i>Percutaneous Coronary Intervention in the Current Era Compared with 1985-1986</i> , <i>Circulation</i> (2000) 102:2945-2951.
1437	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)
1438	Ozaki et al, <i>New Stent Technologies</i> , <i>Progress in Cardiovascular Disease</i> 2:129-140 (1996)
1439	Urban et al., <i>Coronary stenting through 6 French Guiding Catheters</i> , <i>Catheterization and Cardiovascular Diagnosis</i> (1993) 28:263-266
1440	Excerpt of McGraw-Hill Dictionary of Scientific and Technical Terms (5th edition) (1994) (defining “flexural modulus”)
1441	Excerpt from Kern’s <i>The Interventional Cardiac Catheterization Handbook</i> (2nd edition) (2004) (chapter 1)).
1442	Declaration of Dr. Richard A. Hillstead, Ph.D.
1443	Curriculum Vitae of Dr. Richard A. Hillstead, Ph.D.
1444	U.S. Patent No. 5,961,510 (“Fugoso”)
1445	U.S. Patent No. 6,199,262 (“Martin”)
1446	U.S. Patent No. 6,042,578 (“Dinh”)

Exhibit	Description
1447	WO 97/37713 (“Truckai”)
1448	Terumo Heartrail II product literature
1449	Medtronic Launcher product literature
1450	U.S. Patent No. 5,980,486 (“Enger”)
1451	U.S. Patent No. 5,911,715 (“Berg”)
1452	U.S. Patent No. 5,545,149 (“Brin”)
1453	U.S. Patent No. 5,720,300 (“Fagan”)
1454	U.S. Patent No. 5,120,323 (“Shockey”)
1455	Sakurada, <i>Improved Performance of a New Thrombus Aspiration Catheter: Outcomes From In Vitro Experiments and a Case Presentation</i> (“Sakurada”)
1456	Nordenstrom, <i>New Instruments for Catheterization and Angiocardiology</i> (“Nordenstrom”)
1457	U.S. Patent No. 5,445,625 (“Voda”)
1458	U.S. Patent No. 6,595,952 (“Forsberg”)
1459	U.S. Patent No. 6,860,876 (“Chen”)
1460	U.S. Patent No. 6,638,268 (“Niazi”)
1461	U.S. Patent No. 5,690,613 (“Verbeek”)
1462	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)
1463	U.S. Publication Application No. 2003/0195546 (“Solar ’546”)
1464	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
1465	U.S. Patent No. 4,000,739 (“Stevens”)
1466	EP 0 881 921 B1 (“Lee”)
1467	U.S. Patent No. 5,451,209 (“Ainsworth”)

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