

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

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

v.

TELEFLEX INNOVATIONS S.À.R.L.,
Patent Owner.

Case IPR2020-00127
Patent 8,048,032

PETITIONER'S UPDATED EXHIBIT LIST

EXHIBIT LIST

Exhibit	Description
1001-1107	[Intentionally left blank]
1108	Transcript from the June 20, 2018 deposition of Gregg Sutton in <i>QXMedical, LLC v. Vascular Solutions, Inc.</i> , D. Minn., No. 17-cv-01969 [PROTECTIVE ORDER MATERIAL]
1109	[Reserved]
1110	[Reserved]
1111	[Reserved]
1112	[Reserved]
1113	[Reserved]
1114	Transcript from the June 27, 2013 deposition of Howard Charles Root in <i>Vascular Solutions, Inc. v. Boston Scientific Corp.</i> , D. Minn., No. 13-cv-01172 [PROTECTIVE ORDER MATERIAL]
1115	Transcript from the June 15, 2018 deposition of Howard Root in <i>QXMedical, LLC v. Vascular Solutions, Inc.</i> , D. Minn., No. 17-cv-01969 [PROTECTIVE ORDER MATERIAL]
1116	[Reserved]
1117	[Reserved]
1118	[Reserved]
1119	[Reserved]
1120	[Reserved]
1121	[Reserved]
1122	[Reserved]
1123	U.S. Patent No. 7,422,579 (“Keith ’579”)
1124-1400	[Intentionally left blank]
1401	U.S. Patent No. 8,048,032 (“the ’032 patent”)
1402	File history for U.S. Patent No. 8,292,850

Exhibit	Description
1403	File history for U.S. Patent No. 8,048,032
1404	Assignment record of the '032 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
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> , Catheterization and Cardiovascular Interventions 30:22-26 (1993) (“Mehan”)

Exhibit	Description
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”)
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.

Exhibit	Description
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, 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”)
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”)

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.