

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 IPR2020-00132
Patent RE 45,760

PETITIONERS' UPDATED EXHIBIT LIST

EXHIBIT LIST

Exhibit	Description
1001	U.S. Patent No. RE45,760 (“the ’760 patent”)
1002	File history for U.S. Patent No. 8,292,850
1003	File history for U.S. Patent No. RE45,760
1004	Assignment record of the ’760 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”)
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”)

Exhibit	Description
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, 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> , <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”)
1031	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”)
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)

Exhibit	Description
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, 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”)
1054	U.S. Patent No. 5,120,323 (“Shockey”)

Exhibit	Description
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”)
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> , <i>American Heart Journal</i> . Vol. 134, Number 1, pp 132-137 (“Metz”)

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.