

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

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Case IPR2020-00131  
Patent RE 45,380

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**PETITIONERS' UPDATED EXHIBIT LIST**

**EXHIBIT LIST**

<b>Exhibit</b>	<b>Description</b>
1801	U.S. Patent No. RE45,380 (“the ’380 patent”)
1802	File history for U.S. Patent No. 8,292,850
1803	File history for U.S. Patent No. RE45,380
1804	Assignment record of the ’380 patent from the USPTO assignment database
1805	Declaration of Doctor Stephen JD Brecker, M.D.
1806	Curriculum Vitae of Doctor Stephen JD Brecker, M.D.
1807	U.S. Patent No. 7,736,355 (“Itou”)
1808	U.S. Patent No. 7,604,614 (“Ressemann”)
1809	U.S. Patent No. 5,439,445 (“Kontos”)
1810	<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”)
1811	Excerpt of prosecution history of U.S. Patent No. 8,048,032 (Application 11/416,629) (Amendment and Response, April 6, 2009)
1812	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.
1813	<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
1814	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”)
1815	Excerpt from Grossman’s <i>Cardiac Catheterization, Angiography, and Intervention</i> (6th edition) (2000) (chapters 1, 4, 11, 23-25).
1816	US Patent Publication 2003/0233117 (“Adams ’117”)
1817	U.S. Patent No. 5,902,290 (“Peacock”)

<b>Exhibit</b>	<b>Description</b>
1818	U.S. Patent No. 5,891,056 (“Ramzipoor”)
1819	U.S. Patent No. 6,398,773 (“Bagaoisan”)
1820	Mehan, <i>Coronary Angioplasty through 4 French Diagnostic Catheters</i> , <i>Catheterization and Cardiovascular Interventions</i> 30:22-26 (1993) (“Mehan”)
1821	Excerpt of prosecution history for application 11/232,876 (Office Action, 6/20/09)
1822	Cordis, Instructions for Use, CYPHER™ (April 2003)
1823	Medtronic, Summary of Safety and Effectiveness Data, Driver™ Coronary Stent System (October 1, 2003)
1824	Boston Scientific, Summary of Safety and Effectiveness Data, TAXUS™ Express <sup>2</sup> ™ Drug-Eluting Coronary Stent System (March 4, 2004)
1825	U.S. Publication Application No. 2005/0015073 (“Kataishi”)
1826	U.S. Patent No. 5,489,278 (“Abrahamson”)
1827	U.S. Patent No. RE45,776 (“Root”)
1828	Baim, <i>Randomized Trial of a Distal Embolic Protection Device During Percutaneous Intervention of Saphenous Vein Aorto-Coronary Bypass Grafts</i> , <i>Circulation</i> 105:1485-1490 (2002) (“Baim”)
1829	Limbruno, <i>Mechanical Prevention of Distal Embolization During Primary Angioplasty</i> , <i>Circulation</i> 108:171-176 (2003) (“Limbruno”)
1830	U.S. Patent No. 5,413,560 (“Solar ’560”)
1831	Schöbel, <i>Percutaneous Coronary Interventions Using a New 5 French Guiding Catheter: Results of a Prospective Study</i> , <i>Catheterization &amp; Cardiovascular Interventions</i> 53:308-314 (2001) (“Schöbel”)
1832	<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, 119-142 (1987) (“Bonzel”)
1833	U.S. Publication Application No. 2004/0236215 (Mihara)

<b>Exhibit</b>	<b>Description</b>
1834	U.S. Patent No. 5,527,292 (“Adams ’292”)
1835	U.S. Publication Application No. 2004/0010280 (“Adams ’280”)
1836	Williams et al., <i>Percutaneous Coronary Intervention in the Current Era Compared with 1985-1986</i> , <i>Circulation</i> (2000) 102:2945-2951.
1837	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)
1838	Ozaki et al, <i>New Stent Technologies</i> , <i>Progress in Cardiovascular Disease</i> 2:149-140 (1996)
1839	Urban et al., <i>Coronary stenting through 6 French Guiding Catheters, Catheterization and Cardiovascular Diagnosis</i> (1993) 28:263-266
1840	Excerpt of McGraw-Hill Dictionary of Scientific and Technical Terms (5th edition) (1994) (defining “flexural modulus”)
1841	Excerpt from Kern’s <i>The Interventional Cardiac Catheterization Handbook</i> (2nd edition) (2004) (chapter 1)).
1842	Declaration of Dr. Richard A. Hillstead, Ph.D.
1843	Curriculum Vitae of Dr. Richard A. Hillstead, Ph.D.
1844	U.S. Patent No. 5,961,510 (“Fugoso”)
1845	U.S. Patent No. 6,199,262 (“Martin”)
1846	U.S. Patent No. 6,042,578 (“Dinh”)
1847	WO 97/37713 (“Truckai”)
1848	Terumo Heartrail II product literature
1849	Medtronic Launcher product literature
1850	U.S. Patent No. 5,980,486 (“Enger”)
1851	U.S. Patent No. 5,911,715 (“Berg”)
1852	U.S. Patent No. 5,545,149 (“Brin”)
1853	U.S. Patent No. 5,720,300 (“Fagan”)
1854	U.S. Patent No. 5,140,323 (“Shockey”)

<b>Exhibit</b>	<b>Description</b>
1855	Sakurada, <i>Improved Performance of a New Thrombus Aspiration Catheter: Outcomes From In Vitro Experiments and a Case Presentation</i> (“Sakurada”)
1856	Nordenstrom, <i>New Instruments for Catheterization and Angiocardiography</i> (“Nordenstrom”)
1857	U.S. Patent No. 5,445,625 (“Voda”)
1858	U.S. Patent No. 6,595,952 (“Forsberg”)
1859	U.S. Patent No. 6,860,876 (“Chen”)
1860	U.S. Patent No. 6,638,268 (“Niazi”)
1861	U.S. Patent No. 5,690,613 (“Verbeek”)
1862	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)
1863	U.S. Publication Application No. 2003/0195546 (“Solar ’546”)
1864	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
1865	U.S. Patent No. 4,000,739 (“Stevens”)
1866	EP 0 881 921 B1 (“Lee”)
1867	U.S. Patent No. 5,451,209 (“Ainsworth”)
1868	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)
1869	Excerpt of prosecution history for application 14/195,435 (Office Action, 10/06/15)
1870	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”)

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