

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.  
Petitioners,

v.

TELEFLEX INNOVATIONS S.A.R.L.  
Patent Owner.

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Case IPR2020-00132  
Patent RE 45,760E

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**PATENT OWNER UPDATED EXHIBIT LIST**

**TABLE OF EXHIBITS**

<b>Exhibit</b>	<b>Description</b>
2001	Declaration of Howard Root Submitted in Connection with Patent Owner's Preliminary Responses – PROTECTIVE ORDER MATERIAL
2002	Gregg Sutton Lab Notebook – PROTECTIVE ORDER MATERIAL
2003	Memo Regarding Market Feasibility for the GuideLiner catheters – PROTECTIVE ORDER MATERIAL
2004	Howard Root Notes – PROTECTIVE ORDER MATERIAL
2005	Project Spend Report – PROTECTIVE ORDER MATERIAL
2006	Invoice from MicroGroup – PROTECTIVE ORDER MATERIAL
2007	Invoice from MicroGroup – PROTECTIVE ORDER MATERIAL
2008	Invoices from Medical Profiles & Engineering – PROTECTIVE ORDER MATERIAL
2009	Invoice from MicroGroup – PROTECTIVE ORDER MATERIAL
2010	Invoice from Mountain Machine, Inc. – PROTECTIVE ORDER MATERIAL
2011	Invoice from Medical Engineering & Design Inc. – PROTECTIVE ORDER MATERIAL
2012	[Reserved]
2013	Sales Order from SPECTRAlytics – PROTECTIVE ORDER MATERIAL
2014	Photos of Component of GuideLiner Prototype – PROTECTIVE ORDER MATERIAL
2015	Howard Root Deposition Transcript – PROTECTIVE ORDER MATERIAL
2016	Invoice from Medtronic – PROTECTIVE ORDER MATERIAL
2017	Memo Regarding Market Feasibility for the GuideLiner catheters – PROTECTIVE ORDER MATERIAL
2018	PowerPoint presentation titled “New Products on the Horizon” – PROTECTIVE ORDER MATERIAL
2019	Redacted, Excerpted Fax to Patterson Law Firm – PROTECTIVE ORDER MATERIAL
2020	Sales Order and Invoice from SPECTRAlytics – PROTECTIVE ORDER MATERIAL
2021	Invoice from Medical Engineering & Design – PROTECTIVE ORDER MATERIAL
2022	Computerized Design Drawing of a GuideLiner – PROTECTIVE ORDER MATERIAL

2023	Redacted Client/Matter Form from Patterson Law Firm – PROTECTIVE ORDER MATERIAL
2024	Product Requirements: GuideLiner Catheter System – PROTECTIVE ORDER MATERIAL
2025	Clinical Technical Report – PROTECTIVE ORDER MATERIAL
2026	Invoice from MicroGroup – PROTECTIVE ORDER MATERIAL
2027	Invoice from Johnson Matthey Inc (Shape Memory Applications, Inc.) – PROTECTIVE ORDER MATERIAL
2028	Invoice from SPECTRAlytics – PROTECTIVE ORDER MATERIAL
2029	Invoices from Medical Profiles & Engineering – PROTECTIVE ORDER MATERIAL
2030	Invoice from Automation & Metrology Inc. – PROTECTIVE ORDER MATERIAL
2031	Invoice from Automation & Metrology Inc. – PROTECTIVE ORDER MATERIAL
2032	Invoice from Farlow’s Scientific Glassblowing, Inc. – PROTECTIVE ORDER MATERIAL
3033	Invoice from Farlow’s Scientific Glassblowing, Inc. – PROTECTIVE ORDER MATERIAL
2034	Invoice from Farlow’s Scientific Glassblowing, Inc. – PROTECTIVE ORDER MATERIAL
2035	Invoice from Farlow’s Scientific Glassblowing, Inc. – PROTECTIVE ORDER MATERIAL
2036	Research and Development Update July 2005 – PROTECTIVE ORDER MATERIAL
2037	Exhibit BB to Declaration of Lora M. Friedemann in Opposition to Plaintiffs’ Motion for Preliminary Injunction – PROTECTIVE ORDER MATERIAL
2038	Exhibit 36 to the Declaration of Kurt J. Niederlueke in Opposition to Plaintiffs’ Motion for Preliminary Injunction – PROTECTIVE ORDER MATERIAL
2039	Declaration of Deborah Schmalz
2040	Weekly Staff Meeting Memorandum – PROTECTIVE ORDER MATERIAL
2041	Business Update Section of Materials Presented to the Vascular Solutions Board of Directors October 2005 – PROTECTIVE ORDER MATERIAL
2042	Declaration of Peter Keith

2043	Declaration of Amy Welch In Support of Plaintiffs' Motion for Preliminary Injunction (Under Seal), <i>Vascular Solutions LLC v. Medtronic, Inc.</i> , 19-cv-01760-PJS-TNL (D. Minn.), Dkt. 78 – PROTECTIVE ORDER MATERIAL
2044	Declaration of Amy Welch In Support of Plaintiffs' Motion for Preliminary Injunction (Redacted), <i>Vascular Solutions LLC v. Medtronic, Inc.</i> , 19-cv-01760-PJS-TNL (D. Minn.), Dkt. 79
2045	Plaintiffs' Second Supplemental Objections and Response to Defendants' Interrogatory No. 7 Concerning Preliminary Injunction Issues, <i>Vascular Solutions LLC v. Medtronic, Inc.</i> , 19-cv-01760-PJS-TNL (D. Minn.) – PROTECTIVE ORDER MATERIAL
2046	Declaration of Howard Root in Support of Plaintiff's Motion for Preliminary Injunction, <i>Vascular Solutions, Inc. v. Boston Scientific Corporation</i> , 13-cv-01172 (JRT-SER) (D. Minn), Dkt. 12
2047	[Reserved]
2048	Defendants' Opposition to Plaintiffs' Motion for Preliminary Injunction (Redacted), <i>Vascular Solutions LLC v. Medtronic, Inc.</i> , 19-cv-01760-PJS-TNL (D. Minn.), Dkt. 104
2049	Amended Pretrial Scheduling Order, <i>Vascular Solutions LLC v. Medtronic, Inc.</i> , 19-cv-01760-PJS-TNL (D. Minn.), Dkt. 229
2050	Defendants' Second Amended Notice of Deposition of Peter Keith, <i>Vascular Solutions LLC v. Medtronic, Inc.</i> , 19-cv-01760-PJS-TNL (D. Minn.)
2051	Defendants' Amended Notice of Deposition of Amy Welch, <i>Vascular Solutions LLC v. Medtronic, Inc.</i> , 19-cv-01760-PJS-TNL (D. Minn.)
2052	Drawings Submitted with Ressemann U.S. Patent App. 10/214,712
2053	Defendants' Interrogatories to Plaintiffs Concerning Preliminary Injunction Issues, <i>Vascular Solutions LLC v. Medtronic, Inc.</i> , 19-cv-01760-PJS-TNL (D. Minn.)
2054	Defendants' Requests for Production of Documents Concerning Preliminary Injunction Issues, <i>Vascular Solutions LLC v. Medtronic, Inc.</i> , 19-cv-01760-PJS-TNL (D. Minn.)
2055	Article Titled: Understanding Low-Friction Coatings for Medical Devices
2056	Expert Report of Peter T. Keith on Infringement, Claim Coverage, and Lack of Acceptable Noninfringing Alternatives, <i>QXMédical, LLC v. Vascular Solutions LLC</i> , 17-cv-01969 (D. Minn.), Dkt. 125-22
2057	Teleflex Product Patents Website
2058	Confidential Presentation – PROTECTIVE ORDER MATERIAL

2059	Plaintiffs' First Supplemental Objections and Responses to Defendants' Interrogatories Concerning Preliminary Injunction Issues, <i>Vascular Solutions LLC v. Medtronic, Inc.</i> , 19-cv-01760-PJS-TNL (D. Minn.)
2060	Globe Newswire: Teleflex Announces Tenth Anniversary of GuideLiner Catheter Product Line
2061	GuideLiner Marketing Material V1 Catheter
2062	GuideLiner Marketing Material V2 Catheter
2063	GuideLiner Marketing Material: That's A Real Game Changer
2064	[Reserved]
2065	GuideLiner Catheter Bibliography
2066	Physician Testimonial Authorizations
2067	Rao, U., et al., <i>The GuideLiner "child" catheter</i> , <i>EuroIntervention</i> 2010 6:277-279
2068	Defendants' Answer, Defenses, and Counterclaims to Plaintiffs' Complaint, <i>Vascular Solutions LLC v. Medtronic, Inc.</i> , 19-cv-01760-PJS-TNL (D. Minn.), Dkt. 16
2069	Exhibit E to Complaint, <i>Vascular Solutions LLC v. Medtronic, Inc.</i> , 19-cv-01760-PJS-TNL (D. Minn.), Dkt. 1-5
2070	Medtronic comparison of guide extension catheters
2071	Exhibit A to Complaint, <i>Vascular Solutions LLC v. Medtronic, Inc.</i> , 19-cv-01760-PJS-TNL (D. Minn.), Dkt. 1-1
2072	Declaration of Peter Keith in Support of Plaintiffs' Motion for Preliminary Injunction, <i>Vascular Solutions LLC v. Medtronic, Inc.</i> , 19-cv-01760-PJS-TNL (D. Minn.), Dkt. 77
2073	Declaration of Alexander S. Rinn
2074	Declaration of Howard Root in Support of Plaintiffs' Motion for Preliminary Injunction, <i>Vascular Solutions LLC v. Medtronic, Inc.</i> , 19-cv-01760-PJS-TNL (D. Minn.), Dkt. 189 – PROTECTIVE ORDER MATERIAL
2075	Joint Rule 26(f) Report (Patent), <i>Vascular Solutions LLC v. Medtronic, Inc.</i> , 19-cv-01760-PJS-TNL (D. Minn.), Dkt. 17
2076	Defendants' Rule 30(b)(6) Notice of Deposition of Plaintiffs on Preliminary Injunction Issues, <i>Vascular Solutions LLC v. Medtronic, Inc.</i> , 19-cv-01760-PJS-TNL (D. Minn.)
2077	Email withdrawing Defendants' Rule 30(b)(6) Notice of Deposition
2078	Defendants' Answer and Defenses to Plaintiffs' First Amended and Supplemental Complaint and Second Amended Counterclaims Against Plaintiffs, <i>Vascular Solutions LLC v. Medtronic, Inc.</i> , 19-cv-01760-PJS-TNL (D. Minn.), Dkt. 233

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