UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

MEDTRONIC, INC., AND MEDTRONIC VASCULAR, INC. Petitioners,

v.

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

Case IPR2020-00126 Patent 8,048,032

PATENT OWNER UPDATED EXHIBIT LIST

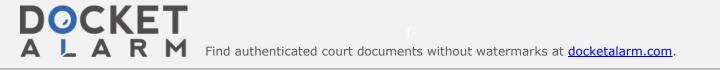


TABLE OF EXHIBITS

Exhibit	Description
2001	[Reserved]
2002	Gregg Sutton Lab Notebook
2003	Memo Regarding Market Feasibility for the GuideLiner catheters
	– PROTECTIVE ORDER MATERIAL
2004	Howard Root Notes
2005	Project Spend Report
2006	Invoice from MicroGroup
2007	Invoice from MicroGroup
2008	Invoices from Medical Profiles & Engineering
2009	Invoice from MicroGroup
2010	Invoice from Mountain Machine, Inc.
2011	Invoice from Medical Engineering & Design Inc.
2012	[Reserved]
2013	Sales Order from SPECTRAlytics
2014	Photos of Component of GuideLiner Prototype
2015	Howard Root Deposition Transcript – PROTECTIVE ORDER
	MATERIAL
2016	Invoice from Medtronic
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
2020	Sales Order and Invoice from SPECTRAlytics
2021	Invoice from Medical Engineering & Design
2022	Computerized Design Drawing of a GuideLiner
2023	Redacted Client/Matter Form from Patterson Law Firm
2024	Product Requirements: GuideLiner Catheter System
2025	Clinical Technical Report
2026	Invoice from MicroGroup
2027	Invoice from Johnson Matthey Inc (Shape Memory Applications, Inc.)
2028	Invoice from SPECTRAlytics
2029	Invoices from Medical Profiles & Engineering
2030	Invoice from Automation & Metrology Inc.
2031	Invoice from Automation & Metrology Inc.

2032	Invoice from Farlow's Scientific Glassblowing, Inc.
3033	Invoice from Farlow's Scientific Glassblowing, Inc.
2034	Invoice from Farlow's Scientific Glassblowing, Inc.
2035	Invoice from Farlow's Scientific Glassblowing, Inc.
2036	Research and Development Update July 2005 – PROTECTIVE ORDER
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2037	Exhibit BB to Declaration of Lora M. Friedemann in Opposition to
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2038	Exhibit 36 to the Declaration of Kurt J. Niederlueke in Opposition to
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2039	Declaration of Deborah Schmalz
2040	Weekly Staff Meeting Memorandum
2041	Business Update Section of Materials Presented to the Vascular
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2043	Declaration of Amy Welch In Support of Plaintiffs' Motion for
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2044	PROTECTIVE ORDER MATERIAL
2044	Declaration of Amy Welch In Support of Plaintiffs' Motion for
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2045 2046 2047 2048 2049	 Medtronic, Inc., 19-cv-01760-PJS-TNL (D. Minn.), Dkt. 79 Plaintiffs' Second Supplemental Objections and Response to Defendants' Interrogatory No. 7 Concerning Preliminary Injunction Issues, Vascular Solutions LLC v. Medtronic, Inc., 19-cv-01760-PJS- TNL (D. Minn.) – PROTECTIVE ORDER MATERIAL Declaration of Howard Root in Support of Plaintiff's Motion for Preliminary Injunction, Vascular Solutions, Inc. v. Boston Scientific Corporation, 13-cv-01172 (JRT-SER) (D. Minn), Dkt. 12 [Reserved] Defendants' Opposition to Plaintiffs' Motion for Preliminary Injunction (Redacted), Vascular Solutions LLC v. Medtronic, Inc., 19-cv-01760- PJS-TNL (D. Minn.), Dkt. 104 Amended Pretrial Scheduling Order, Vascular Solutions LLC v. Medtronic, Inc., 19-cv-01760-PJS-TNL (D. Minn.), Dkt. 229

2050	Defendants' Second Amended Notice of Deposition of Peter Keith,
	Vascular Solutions LLC v. Medtronic, Inc., 19-cv-01760-PJS-TNL (D.
	Minn.)
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2052	Drawings Submitted with Ressemann U.S. Patent App. 10/214,712
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2054	Defendants' Requests for Production of Documents Concerning
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	Vascular Solutions LLC, 17-cv-01969 (D. Minn.), Dkt. 125-22
2057	Teleflex Product Patents Website
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	Solutions LLC v. Medtronic, Inc., 19-cv-01760-PJS-TNL (D. Minn.)
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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> , EuroIntervention 2010
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2068	Defendants' Answer, Defenses, and Counterclaims to Plaintiffs'
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2069	Exhibit E to Complaint, Vascular Solutions LLC v. Medtronic, Inc., 19-
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2070	Medtronic comparison of guide extension catheters
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2075	Joint Rule 26(f) Report (Patent), Vascular Solutions LLC v. Medtronic,
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2077	Email withdrawing Defendants' Rule 30(b)(6) Notice of Deposition
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2079	Exhibit A to Defendants' Answer and Defenses to Plaintiffs' First
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2082	Plaintiffs' Notice of Deposition of Barry O'Connell, Vascular Solutions
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	A. Hillstead – Ressemann Figure 16D, Annotated
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2088	Declaration of Peter M. Kohlhepp in Support of Patent Owner's
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2089	Invoice and Purchase Orders from Medical Engineering & Design, Inc.

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