

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. |

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| 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 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 |
| 2041 | Business Update Section of Materials Presented to the Vascular Solutions Board of Directors October 2005 – PROTECTIVE ORDER MATERIAL |
| 2042 | [Reserved] |
| 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 |

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| 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 | [Reserved] |
| 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 |

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| 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 |
| 2079 | Exhibit A to 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. 233-1 |
| 2080 | [Reserved] |
| 2081 | [Reserved] |
| 2082 | Plaintiffs' Notice of Deposition of Barry O'Connell, <i>Vascular Solutions LLC v. Medtronic, Inc.</i> , 19-cv-01760-PJS-TNL (D. Minn.) |
| 2083 | Plaintiffs' Notice of Deposition of Chris Eso, <i>Vascular Solutions LLC v. Medtronic, Inc.</i> , 19-cv-01760-PJS-TNL (D. Minn.) |
| 2084 | Plaintiffs' Notice of Deposition of Mark Cardoso, <i>Vascular Solutions LLC v. Medtronic, Inc.</i> , 19-cv-01760-PJS-TNL (D. Minn.) |
| 2085 | Exhibit introduced at depositions of Stephen J.D. Brecker and Richard A. Hillstead – Ressemann Figure 16D, Annotated |
| 2086 | Exhibit introduced at depositions of Stephen J.D. Brecker and Richard A. Hillstead – Ressemann Cross-Section A-A Drawing, Annotated |
| 2087 | Declaration of Joseph W. Winkels in Support of Patent Owner's Unopposed Motion for <i>Pro Hac Vice</i> Admission |
| 2088 | Declaration of Peter M. Kohlhepp in Support of Patent Owner's Unopposed Motion for <i>Pro Hac Vice</i> Admission |
| 2089 | Invoice and Purchase Orders from Medical Engineering & Design, Inc. |

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