

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

MEDTRONIC, INC., AND MEDTRONIC VASCULAR, INC.

Petitioners,

v.

TELEFLEX INNOVATIONS S.À.R.L.,

Patent Owner.

Case No.: IPR2020-01344

U.S. Patent No: RE46,116

**DECLARATION OF STEPHEN JON DAVID BRECKER,
MD, FRCP, FESC, FACC**

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TABLE OF EXHIBITS

Exhibit	Description
1401	U.S. Patent No. RE 46,116 (“the ’116 patent”)
1402	File history for U.S. Patent No. 8,292,850
1403	File history for U.S. Patent No. RE 46,116
1407	U.S. Patent No. 7,736,355 (“Itou”)
1408	U.S. Patent No. 7,604,612 (“Ressemann”)
1409	U.S. Patent No. 5,439,445 (“Kontos”)
1410	<i>New Method to Increase a Backup Support of a 6 French Guiding Coronary Catheter, Catheterization and Cardiovascular Interventions 63: 452-456 (2004) (“Takahashi”)</i>
1413	<i>Markman Order in QXMedical, LLC v. Vascular Solutions, Inc., D. Minn., No. 17-cv-01969 (October 30, 2018), D.I. 102</i>
1414	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”)
1415	Excerpt from Grossman’s <i>Cardiac Catheterization, Angiography, and Intervention</i> (6th edition) (2000) (chapters 1, 4, 11, 23-25).
1418	U.S. Patent No. 5,891,056 (“Ramzipoor”)
1425	U.S. Publication Application No. 2005/0015073 (“Kataishi”)
1426	U.S. Patent No. 5,489,278 (“Abrahamson”)
1428	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”)
1429	Limbruno, <i>Mechanical Prevention of Distal Embolization During Primary Angioplasty</i> , <i>Circulation</i> 108:171-176 (2003) (“Limbruno”)
1430	U.S. Patent No. 5,413,560 (“Solar ’560”)

Exhibit	Description
1432	<i>The sliding rail system (monorail): description of a new technique for intravascular instrumentation and its application to coronary angioplasty</i> , Z. Kardio. 76:Supp. 6, 119-122 (1987) (“Bonzel”)
1433	U.S. Publication Application No. 2004/0236215 (Mihara)
1435	U.S. Publication Application No. 2004/0010280 (“Adams ’280”)
1436	Williams et al., <i>Percutaneous Coronary Intervention in the Current Era Compared with 1985-1986</i> , Circulation (2000) 102:2945-2951.
1438	Ozaki et al, <i>New Stent Technologies</i> , Progress in Cardiovascular Disease 2:129-140 (1996)
1439	Urban et al., <i>Coronary stenting through 6 French Guiding Catheters, Catheterization and Cardiovascular Diagnosis</i> (1993) 28:263-266
1440	Excerpt of McGraw-Hill Dictionary of Scientific and Technical Terms (5th edition) (1994) (defining “flexural modulus”)
1441	Excerpt from Kern’s <i>The Interventional Cardiac Catheterization Handbook</i> (2nd edition) (2004) (chapter 1).
1442	Declaration of Dr. Richard A. Hillstead, Ph.D.
1446	U.S. Patent No. 6,042,578 (“Dinh”)
1447	WO 97/37713 (“Truckai”)
1450	U.S. Patent No. 5,980,486 (“Enger”)
1451	U.S. Patent No. 5,911,715 (“Berg”)
1453	U.S. Patent No. 5,720,300 (“Fagan”)
1454	U.S. Patent No. 5,120,323 (“Shockey”)
1455	Sakurada, <i>Improved Performance of a New Thrombus Aspiration Catheter: Outcomes From In Vitro Experiments and a Case Presentation</i> (“Sakurada”)
1457	U.S. Patent No. 5,445,625 (“Voda”)
1458	U.S. Patent No. 6,595,952 (“Forsberg”)
1459	U.S. Patent No. 6,860,876 (“Chen”)

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