

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

U.S. Patent No. 8,048,032

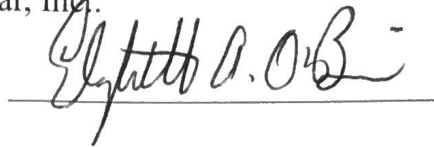
**POWER OF ATTORNEY FOR PETITIONERS
MEDTRONIC, INC. AND MEDTRONIC VASCULAR, INC.**

Patent 8,048,032

Pursuant to 37 C.F.R. § 42.10(b), Medtronic, Inc. and Medtronic Vascular, Inc. hereby appoints the practitioners associated with Robins Kaplan LLP, including the following lead and back-up counsel, as its attorneys to transact all business in the United States Patent & Trademark Office associated with all *inter partes* review proceedings involving U.S. Patent No. 8,048,032.

Lead Counsel	Back-Up Counsel
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The individual signing below has the authority to execute this document on behalf of Medtronic, Inc. and Medtronic Vascular, Inc.

BY: 

NAME: Elizabeth A. O'Brien

TITLE: Vice President, Intellectual
Property, Cardiac & Vascular
Group

DATE: October 31, 2019

CERTIFICATE OF SERVICE

The undersigned certifies that the foregoing Power of Attorney for Petitioners Medtronic, Inc. and Medtronic Vascular, Inc. was served on November 12, 2019, by Federal Express mail to the USPTO correspondence address of record listed below:

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Courtesy copies were also sent to the following address of record for counsel in *Vascular Solutions LLC, et al. v. Medtronic, Inc., et al.*, No. 19-cv-01760 (D. Minn., filed July 2, 2019):

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