

PCT
POWER OF ATTORNEY
(PCT Rule 90.5)

The undersigned applicant:

MEDTRONIC, INC.
710 Medtronic Parkway NE.
Minneapolis, MN 55432
USA

Hereby appoints the following persons as agent:

John W. ALBRECHT	Reg. No. 40,481
Scott A. BARDELL	Reg. No. 39,594
Carol F. BARRY	Reg. No. 41,600
Stephen W. BAUER	Reg. No. 32,192
Kenneth J. COLLIER	Reg. No. 34,982
Sean J. EDMAN	Reg. No. 42,506
Rick L. FRANZEN	Reg. No. 51,702
Jeffrey J. HOHENSHELL	Reg. No. 34,109
Greg A. McALLISTER	Reg. No. 47,779
Beth L. McMAHON	Reg. No. 41,987
Elizabeth A. O'BRIEN	Reg. No. 46,128
Michael J. OSTROM	Reg. No. 58,730
David F. PRIEM	Reg. No. 61,598
Paik SABER	Reg. No. 37,494
Michelle H. SHEN	Reg. No. 48,823
Shane O. SONDRAL	Reg. No. 60,145

to represent the undersigned before all the competent International Authorities in connection with any and all international applications filed by the undersigned with the United States Patent Office as Receiving Office, and to make or receive payments on behalf of the undersigned.

Date

6/6/17



Elizabeth A. O'Brien
Vice President, Intellectual Property, CVG