

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ROGER D. GREELEY	12/20/2017
JONATHAN J. BARRY	01/03/2018
DAVID HUBELBANK	01/05/2018
RYAN KELLEY	01/04/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MEDTRONIC ADVANCED ENERGY LLC
<b>Street Address:</b>	710 MEDTRONIC PARKWAY
<b>City:</b>	MINNEAPOLIS
<b>State/Country:</b>	MINNESOTA
<b>Postal Code:</b>	55432
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15863049
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(612)573-2005
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	6125732000
<b>Email:</b>	USPTO.PATENTS@dbclaw.com
<b>Correspondent Name:</b>	DICKE, BILLIG & CZAJA, PLLC ATTN: MDT S
<b>Address Line 1:</b>	FIFTH STREET TOWERS, SUITE 2250
<b>Address Line 2:</b>	100 SOUTH FIFTH STREET
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55402
<b>ATTORNEY DOCKET NUMBER:</b>	M192126103/C00013928USU3
<b>NAME OF SUBMITTER:</b>	TIMOTHY A. CZAJA
<b>SIGNATURE:</b>	/Timothy A. Czaja/
<b>DATE SIGNED:</b>	01/05/2018
<b>Total Attachments: 5</b>	
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## **ASSIGNMENT**

WHEREAS, WE, Roger D. Greeley, Jonathan J. Barry, David Hubelbank and Ryan Kelley, are the inventors of MODULAR LIGHTED SURGICAL RETRACTOR for which we have executed an application for filing in the United States Patent and Trademark Office preparatory to obtaining Letters Patent of the United States, and bearing Attorney Docket No. C00013928.USU3; and

WHEREAS, MEDTRONIC ADVANCED ENERGY LLC, a corporation organized and existing under the laws of the State of Minnesota and having a principal place of business at 710 Medtronic Parkway, Minneapolis, Minnesota 55432, hereinafter referred to as "Corporation," is desirous of acquiring the entire right, title and interest in and to said invention for the United States and for all foreign countries and in and to any and all foreign and domestic Letters Patent which may be granted therefor;


NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I have assigned, transferred and set over and by these presents do assign, transfer and set over unto Corporation, its successors and assigns, the entire right, title and interest in and to said invention and the entire right, title and interest in and to any and all Letters Patent of the United States and any foreign countries which may be granted therefor including my rights under the International Convention for the Protection of Industrial Property, and in and to any and all extensions, divisions, continuations, continuations-in-part or reissues of said Letters Patent that may be granted, and in and to any of my interest in parent provisional application No. 62/449,650 filed January 24, 2017; the same to be held and enjoyed by Corporation for its own use and behalf and use and behalf of its successors and assigns to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made;

AND, for the consideration aforesaid, I materially represent to Corporation, its successors and assigns, that at the time of the execution and delivery of these presents, we are the sole lawful inventors of the entire right, title and interest in and to the invention;

AND, for the consideration aforesaid, I hereby individually covenant and agree to and with Corporation, its successors and assigns, that whenever its counsel or the counsel of its successors or assigns, learned in the law, shall advise that an amendment or division of, or continuation or any continuation-in-part thereof, or any other proceeding in connection with the filing or prosecution of said domestic or foreign patent applications, including interference proceedings, is lawful and desirable, or that a reissue or extension of said Letters Patent is lawful and desirable, I, or my executors, administrators or assigns will sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for the procurement of valid Letters Patent for said invention, or for the reissue or extension of the same, without charge to Corporation, its successors or assigns, but at Corporation's expense.

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

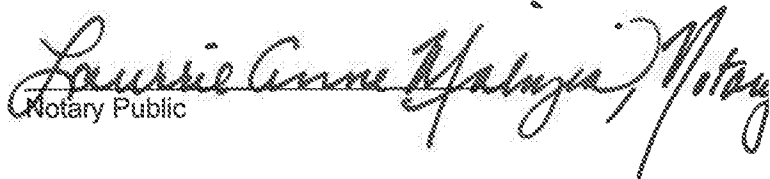
IN WITNESS WHEREOF, I have hereunto set my hand on this 20<sup>th</sup>  
day of December, 2017.

  
Roger D. Greeley

STATE OF New Hampshire  
COUNTY OF Stafford ss.

On this 20 day of December, 2017, before me personally appeared Roger D. Greeley, to me known to be the person described in and who executed the foregoing instrument and acknowledged that (s)he executed the same as his/her free act and deed.

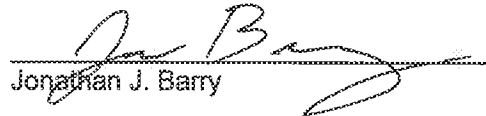
IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.

  
Notary Public

LAURIE ANNE MALIZIA, Notary Public  
State of New Hampshire  
My Commission Expires January 13, 2021

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.


IN WITNESS WHEREOF, I have hereunto set my hand on this 3<sup>rd</sup>  
day of JANUARY, 2018

  
Jonathan J. Barry

STATE OF New Hampshire  
COUNTY OF Strafford ss.

On this 3 day of January, 2018 before me personally appeared Jonathan J. Barry, to me known to be the person described in and who executed the foregoing instrument and acknowledged that (s)he executed the same as his/her free act and deed.

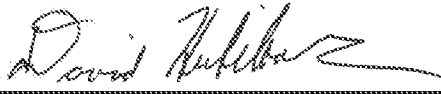
IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.

  
Notary Public

LAURRIE ANNE MALIZIA, Notary Public  
State of New Hampshire  
My Commission Expires January 13, 2021

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand on this 5<sup>th</sup>  
day of January, 2018.

  
David Hubelbank

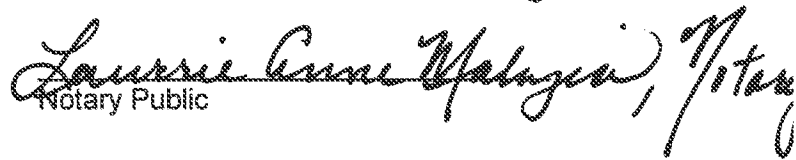
STATE OF New Hampshire

ss.

COUNTY OF Shafford

On this 5<sup>th</sup> day of January, 2018, before me personally appeared David Hubelbank, to me known to be the person described in and who executed the foregoing instrument and acknowledged that (s)he executed the same as his/her free act and deed.

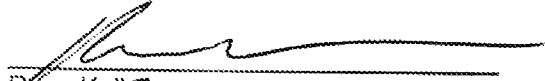
IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.

  
Notary Public

LAURRIE ANNE MALIZIA, Notary Public  
State of New Hampshire  
My Commission Expires January 13, 2021

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Corporation in accordance with this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand on this 4th  
day of January, 2018

  
Ryan Kelly KELLEY


STATE OF Colorado

COUNTY OF Adams

ss.

On this 4th day of January, 2018 before me personally appeared Ryan Kelly, to me known to be the person described in and who executed the foregoing instrument and acknowledged that (s)he executed the same as his/her free act and deed.

IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.

  
Notary Public

