504303332 04/03/2017

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4350013

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KEVIN R. SEIFERT	03/18/2014
ROGER A. CHRISTOPHERSON	03/18/2014
NATHAN L. OLSON	03/18/2014
REBECCA L. POINDEXTER	03/20/2014

RECEIVING PARTY DATA

Name:	MEDTRONIC, INC.
Street Address:	710 MEDTRONIC PARKWAY NE.
Internal Address:	MS: LC340 LEGAL PATENTS
City:	MINNEAPOLIS
State/Country:	MINNESOTA
Postal Code:	55432

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15477401

CORRESPONDENCE DATA

Fax Number: (651)367-0471

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.

Phone: 763-526-0929

Email: madonna.schroeder@medtronic.com

MICHAEL J. OSTROM **Correspondent Name:**

710 MEDTRONIC PARKWAY NE. Address Line 1:

Address Line 2: MS: MVC22

Address Line 4: MINNEAPOLIS, MINNESOTA 55432

Tatal Alla alamanata o		
DATE SIGNED:	04/03/2017	
SIGNATURE:	/Michael J. Ostrom/	
NAME OF SUBMITTER:	MICHAEL J. OSTROM	
ATTORNEY DOCKET NUMBER:	C00006319.USV6	

Total Attachments: 3

PATENT REEL: 041829 FRAME: 0251

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> PATENT REEL: 041829 FRAME: 0252

Attorney Docket No.: C00006319.USU3

ASSIGNMENT OF APPLICATION(S)

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in

IMPLANT TOOLS WITH ATTACHMENT FEATURE AND MULTI-POSITIONAL SHEATH

<u> </u>	AND IMPLANT TECHNIQUES UTILIZING SUCH TOOLS
	for which an application for a United States Patent or a U.S. Provisional Application is being filed contemporaneously herewith;
\boxtimes	for which an application for a United States Patent identified as U.S. Patent Application No. 14/196,443; was filed on March 4, 2014;
	for which an application for a U.S. Provisional Application No. ; was filed on ;
\boxtimes	for which above application claims priority to U.S. Provisional Patent Application No. 61/903,139; filed on November 12, 2013;
	which application is identified as PCT International Patent Application No.; filed;

Whereas, <u>Medtronic, Inc.</u>, a corporation organized and existing under the laws of the State of Minnesota and having a principle place of business at <u>710 Medtronic Parkway N.E.</u>, <u>Minneapolis</u>, <u>Minnesota 55432-5604</u>, 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 therefore;

NOW, Therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto Corporation, its successors and assigns, the entire right, title and interest in and to said invention and the application(s) identified above and in and to any application claiming benefit thereto 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 therefore including our 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, the same to be held and enjoyed by Corporation for its own use and benefit and use and benefit 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, including the right to enforce such Letters Patent as fully and entirely as the same would have been held and enjoyed by the assignors if this assignment had not been made; together with all claims by assignors for damages by reason of past infringement or for provisional rights and including the right to sue for, and collect the same for its own use and benefit, and for the use and benefit of its successors, assigns, and other legal representatives;

AND, for the consideration aforesaid, we 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 owners of the entire right, title and interest in and to the invention, application and Letters Patent above mentioned, and that the same are unencumbered, and that we have good right and lawful authority to sell and convey the same in the manner herein set forth;

AND, for the consideration aforesaid, we 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 of extension of said Letters Patent is lawful and desirable, we, or our executors, administrators or assigns will sign all papers and drawings, take all rightful oaths, and do all acts necessary or

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Assignment

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/We do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said Medtronic, Inc., as the assignee of the entire right, title, and interest therein.

In witness whereof, I/we have signed my/	our name(s) on the day and year	set forth below.
Given Name (first and middle initial [if any]):	Family N	ame or Surname (last na	
Kevin R.	Seifert		
Inventor's Signature:		Date:	
MON		/8 MAR Country:	2014
City and State:		Country:	Cftizenship:
Forest Lake, Minnesota		US	US
STATE OF MINNESOTA)	•••••••••••	***************************************	
) ss.			
COUNTY OF RAMSEY)		hanl	
On this 18th day of 18th			personally appeared the above-named,
and who executed the foregoing instrument, as so	ud person's	free act and deed, on the	day and year aforesaid.
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(Dear)	Š	Notary Public	
(i) The control of th		•	
	<u></u>		
Given Name (first and middle initial [if any]):	, -	lame or Surname (last n	ame):
Roger A.	Family N Christop	herson	ame):
	, -	herson Date:	
Roger A. Inventor's Signature:	, -	herson Date: (8 Man	L 2014
Roger A. Inventor's Signature: Residence (City and State):	, -	Date: (B) Many Country:	Citizenship:
Roger A. Inventor's Signature:	, -	herson Date: (8 Man	L 2014
Roger A. Inventor's Signature: Residence (City and State):	, -	Date: (B) Many Country:	Citizenship:
Roger A. Inventor's Signature: Residence (City and State): Vadnais Heights, Minnesota STATE OF MINNESOTA) SS.	, -	Date: (B) Many Country:	Citizenship:
Roger A. Inventor's Signature: Residence (City and State): Vadnais Heights, Minnesota STATE OF MINNESOTA) SS.	, -	Date: (8) Many Country: US	Citizenship:
Residence (City and State): Vadnais Heights, Minnesota STATE OF MINNESOTA) COUNTY OF BAMSEY) On this day of	Christop	Date: (O Mange Country: US	Citizenship: US
Roger A. Inventor's Signature: Residence (City and State): Vadnais Heights, Minnesota STATE OF MINNESOTA) SS.	Christop	Date: (O Mange Country: US	Citizenship: US
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Residence (City and State): Vadnais Heights, Minnesota STATE OF MINNESOTA) SS. COUNTY OF RAMSEY) On this day of and who executed the foregoing instrument, as so	Christop	Date: (O Mange Country: US	Citizenship: US
Residence (City and State): Vadnais Heights, Minnesota STATE OF MINNESOTA) SS. COUNTY OF RAMSEY) On this day of and who executed the foregoing instrument, as sa	Christop	Date: (O Mange Country: US	Citizenship: US

Given Name (first and middle initial [if any]):	•	ame or Surname (last	name):
Nathan L.	Olson		
Inventor st Signature: ///	·· * ··································	Date:	3.1
MING MC		18 Ma	r 14
Residence (City and State):		Country:	Citizenship:
Shoreview, Minnesota		US	US
STATE OF MINNESOTA)			
) ss.			
COUNTY OF RAMSEY)		· 6	
On this Story day of Male		, 2014, before r	ne personally appeared the above-named,
and who executed the foregoing instrument, as sa	id person's	free act and deed, on t	he day and year aforesaid.
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(Seal) Nelsay Pablic Asympayas	Š	Notary Public	
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&		miniminanan mananan manan m	
Given Name (first and middle initial [if any]):	Family N	ame or Surname (last	name):
Rebecca L.	Poindext	er	

Inventor's Signature:		Date: / /	
Inventor's Signature:		Date: 3/20/14	
Inventor's Signature: Residence (City and State):			Citizenship:
the landst		3/20/14	Citizenship: US
Residence (City and State): Minneapolis, Minnesota		3/20/14 Country:	i ·
Residence (City and State):		3/20/14 Country:	i ·
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Residence (City and State): Minneapolis, Minnesota STATE OF MINNESOTA) COUNTY OF RAMSEY) On this day of		3/20/14 Country: US	me personally appeared the above-named,
Residence (City and State): Minneapolis, Minnesota STATE OF MINNESOTA)	iid person's	3/20/14 Country: US	me personally appeared the above-named,
Residence (City and State): Minneapolis, Minnesota STATE OF MINNESOTA) COUNTY OF RAMSEY) On this day of	id person's	3/20/14 Country: US	me personally appeared the above-named,
Residence (City and State): Minneapolis, Minnesota STATE OF MINNESOTA) Ss. COUNTY OF RAMSEY) On this day of and who executed the foregoing instrument, as sa	id person's	3/20/14 Country: US	me personally appeared the above-named,
Residence (City and State): Minneapolis, Minnesota STATE OF MINNESOTA) COUNTY OF RAMSEY) On this day of	id person's	3/20/14 Country: US	me personally appeared the above-named,

Attorney Docket No.: C00006319.USU3