

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4960049

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHAHABEDIN SHAHDOOSTFARD	05/01/2018
QINGGUO ZENG	05/01/2018
PING JIA	04/30/2018
BRIAN P. GEORGE	05/07/2018
KEVIN PONZIANI	05/01/2018
QING LOU	05/01/2018
DANIEL VARGHAI	05/02/2018
JEFFREY B. ADAIR	05/02/2018
RECEIVING PARTY DATA	
Name:	CARDIOINSIGHT TECHNOLOGIES, INC.
Street Address:	SUMMIT OFFICE PARK - SUMMIT THREE
Internal Address:	3 SUMMIT PARK DRIVE - SUITE 400
City:	INDEPENDENCE
State/Country:	OHIO
Postal Code:	44131
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15913262
CORRESPONDENCE DATA	
Fax Number:	(216)621-4072
<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>	
Phone:	216-621-2234
Email:	ljones@tarolli.com
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Address Line 1:	TAROLLI, SUNDHEIM, COVELL & TUMMINO LLP
Address Line 2:	1300 EAST NINTH STREET - SUITE 1700
Address Line 4:	CLEVELAND, OHIO 44128
ATTORNEY DOCKET NUMBER:	CIN-027307 US PRI
NAME OF SUBMITTER:	GARY J. PITZER

PATENT

SIGNATURE:	/Gary J. Pitzer/
DATE SIGNED:	05/14/2018
Total Attachments: 9 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif source=Assignment#page8.tif source=Assignment#page9.tif	

ASSIGNMENT OF APPLICATION(S)

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

Channel Integrity Detection and Reconstruction of Electrophysiological Signals

- for which an application for a United States Patent or a U.S. Provisional Application is being filed contemporaneously herewith;
- for which an application for a United States Patent identified as U.S. Patent Application No. 15/913262 ; filed on March 6, 2018
- for which an application for a U.S. Provisional Application No. _____ was filed on _____ ;
- for which above application claims priority to U.S. Provisional Patent Application No. _____ ; filed on _____ ;
- which application is identified as PCT International Patent Application No. _____ filed _____ ;

Whereas, CARDIOINSIGHT, INC. a Delaware corporation having a place of business at Summit Office Park – Summit Three; 3 Summit Park Drive – Suite 400, Independence, OH 44131, 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;

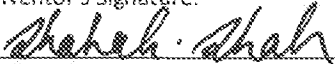
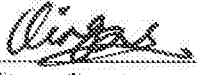

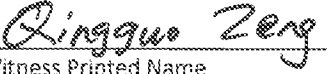
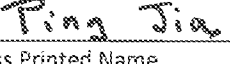
AND, for the consideration aforesaid, we materially represent to Corporation, its successors and assigns, that at the time of the execution and delivery of these presents, we are the sole lawful owners of the entire right, title and interest in and to the invention, application and Letters Patent above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


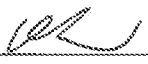
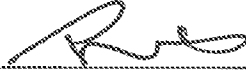
AND, for the consideration aforesaid, we hereby individually covenant and agree to and with Corporation, its successors and assigns, that whenever its counsel or the counsel of its successors or assigns, learned in the law, shall advise that an amendment or division of, or continuation or any continuation-in-part 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 required to be done for the procurement of valid Letters Patent for said invention, or for the


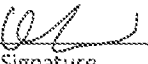
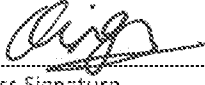
reissue or extension of the same, without charge to Corporation, its successors or assigns, but at Corporation's expense.

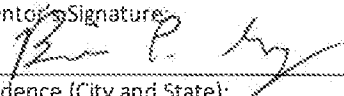
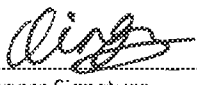
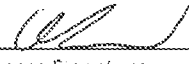
I/We do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said Medtronic, Inc., as the assignee of the entire right, title, and interest therein.

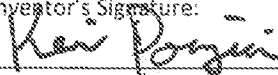

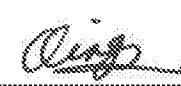
In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

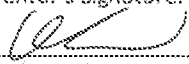


Given Name (first and middle initial [if any]): SHAHABEDIN		Family Name or Surname (last name): SHAHDOOSTFARD	
Inventor's Signature: 		Date: 05/01/2018	
Residence (City and State): INDEPENDENCE, OH		Country: US	Citizenship: IRAN
 Witness Signature		 Witness Signature	
 Witness Printed Name		 Witness Printed Name	

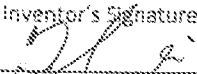
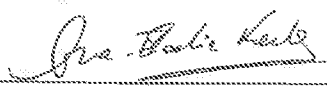
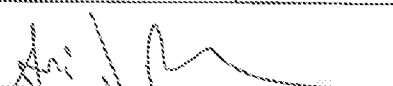
Given Name (first and middle initial [if any]): QINGGUO		Family Name or Surname (last name): ZENG	
Inventor's Signature: 		Date: 5/1/2018	
Residence (City and State): SOLOON, OH		Country: USA	Citizenship: US
 _____ Witness Signature		 _____ Witness Signature	
_____ Witness Printed Name Qing Lou		_____ Witness Printed Name Ping Jia	

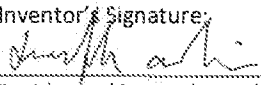
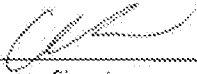

Given Name (first and middle initial (if any)): PING		Family Name or Surname (last name): JIA	
Inventor's Signature 		Date: 4/30/2018	
Residence (City and State): OLON, OH		Country: US	Citizenship: CN
Witness Signature 		Witness Signature 	
Witness Printed Name Qiang Lou		Witness Printed Name Qingguo Zeng	

Given Name (first and middle initial [if any]): BRIAN P.		Family Name or Surname (last name): GEORGE	
Inventor's Signature: 		Date: 7 May 2018	
Residence (City and State): CLEVELAND, OH		Country: US	Citizenship: US
Witness Signature: 		Witness Signature: 	
Witness Printed Name: Qinguo Zeng		Witness Printed Name: Qing Lou	

Given Name (first and middle initial [if any]): KEVIN		Family Name or Surname (last name): PONZIANI	
Inventor's Signature: 		Date: May 2, 2018	
Residence (City and State): INDEPENDENCE, OH		Country: US	Citizenship: US
 _____ Witness Signature		 _____ Witness Signature	
_____ Ping Jia Witness Printed Name		_____ Qingguo Zeng Witness Printed Name	

Given Name (first and middle initial [if any]): QING		Family Name or Surname (last name): LOU	
Inventor's Signature: 		Date: 5.1.2018	
Residence (City and State): OLON, OH		Country: US	Citizenship: CN
Witness Signature  _____ Witness Printed Name Qingguo Zeng		Witness Signature  _____ Witness Printed Name Ping Jia	

Given Name (first and middle initial [if any]): DANIEL		Family Name or Surname (last name): VARGHAI	
Inventor's Signature: 		Date: 05/02/2018	
Residence (City and State): CAMPBELL, CA		Country: US	Citizenship: US
Witness Signature  ANNA-ELODIE MARIE KERLO-MILLER		Witness Signature  ARI RYAN	
Witness Printed Name		Witness Printed Name	

Given Name (first and middle initial [if any]): JEFFREY B.		Family Name or Surname (last name): ADAIR	
Inventor's Signature: 		Date: 2 May 2018	
Residence (City and State): INDEPENDENCE, OH		Country: US	Citizenship: US
Witness Signature  _____ Witness Printed Name Qing Lou		Witness Signature  _____ Witness Printed Name Qingguo Zeng	