05/15/2017 504367911

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4414604

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RICHARD A. WILLYARD	05/24/2010
JOSEPH D. BRANNAN	05/24/2010

RECEIVING PARTY DATA

Name:	VIVANT MEDICAL, INC.
Street Address:	5920 LONGBOW DRIVE
City:	BOULDER
State/Country:	COLORADO
Postal Code:	80301-3299

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15595500

CORRESPONDENCE DATA

Fax Number: (303)581-6632

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: 303-530-2300

Email: SurgicalUS@covidien.com,

medtronic mitg-et docketing@cardinal-ip.com

Correspondent Name: COVIDIEN LP

Address Line 1: 5920 LONGBOW DRIVE

Address Line 2: ATTN: IP LEGAL

Address Line 4: **BOULDER, COLORADO 80301**

ATTORNEY DOCKET NUMBER:	H-US-01974.USC1(1544-163)	
NAME OF SUBMITTER:	GIORDANA M. BELENCHIA	
SIGNATURE:	/Giordana M. BELENCHIA/	
DATE SIGNED:	05/15/2017	

Total Attachments: 3

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> **PATENT REEL: 042383 FRAME: 0579** 504367911

PATENT

For: [X] U.S. and/or [X] Foreign Rights
For: [X] U.S. Application or [] U.S. Patent
By: [X] Inventor(s) or [] Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, **ASSIGNORS**:

		Richard A. Willyard Joseph D. Brannan
was re	corded	(If assignment is by person or entity to whom invention was previously assigned and this in PTO add the following)
		Recorded on:
		Reel
		Frame
nereby	/ sells, a	assigns and transfers to
مماد	SKIPP.	
ASSIG	NEE:	Viscous Maratinas I tra
		Vivant Medical, Inc.
		(Type or print name of ASSIGNEE)
		Address
		5920 Longbow Drive
		Boulder, CO_80301-3299
		<u>U.S.A.</u>
		Nationality
and th	e succe	ssors, assigns and legal representatives of the ASSIGNEE
(X) th	e entire	right, title and interest
[v,] u.	o onthio	ngng title and interest
	undivide ssions	ed percent (%) interest for the United States and its territorial
future	infringe	foreign countries, including all rights to claim priority, the right to sue for present, past and ment, in the United States, its territorial possessions, and in all foreign countries, including all evention rights in and to the invention and any and all improvements entitled:
<u>FL</u>	OW RA	TE VERIFICATION MONITOR FOR FLUID-COOLED MICROWAVE ABLATION PROBE
		(title of invention)
and wi	hich is f	ound in
(a)	[X]	U.S. patent application executed on even date herewith.
	[]	U.S. patent application executed on
(c)	[]	U.S. application Serial Nofiled on
(d)	[]	U.S. provisional application No.
(4)	LJ	filed an
(e)	[]	U.S. Patent Noissued
	[]	PCT application No
(f)	f 1	filed on
		HIGO VII

Page 1 of 3

- [] A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.
- (g) [X] and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, continuation-in-part, divisional, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

ASSIGNORS hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all such Letters Patent to ASSIGNEE:

ASSIGNORS further covenants to promptly provide all pertinent facts and documents known and accessible to ASSIGNORS relating to said invention and said Letters Patent and legal equivalents; to testify as to the same in any interference, litigation or proceeding related thereto; to execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patents which may be granted therefor in said ASSIGNEE, its successors, assigns or other legal representatives; to execute any additional or divisional applications for patents for said invention, or any part or parts thereof, and for the reissue of any Letters Patents to be granted therefor; and to make all rightful oaths and do all lawful acts requisite for procuring the same or for aiding therein, all without further compensation, but at the sole expense of ASSIGNEE, its successors, assigns, or other legal representatives.

ASSIGNORS hereby grants ASSIGNEE and Assignee's attorneys the power to insert the Serial No. and/or filing date of the above-described application(s) after such information becomes known to them

IN WITNESS WHEREOF, I/We have hereunto set hand and seal.

WARNING: Date of signing must be the **same as** the date of execution of the application if item (a) was checked above.

Elle lle I	MAY 24, 2010
Richard A. Willyard	Dated
/h0/2	5-24-2010
Joseph D./Brannan	Dated

[X] Notarization or Legalization Page Added.

State of Colorado))				
County of Boulder) ss)				
Before me this _	<u> તે </u>	ray :	2010,		
personally appeared Richard A. executed the above instrument, a for the purposes therein set forth	and acknowledged				
AFFIX SEAL OF COLOR My Commission Expires 0	2/28/2011		May Jo Notary/Public	<u>milauk</u>	
State of Colorado)				
County of Boulder) ss)				
Before me this 🛭	24 day of	ay :	2010,		
personally appeared Joseph D. executed the above instrument, a for the purposes therein set forth	and acknowledged				
AFFIX SEAL			Mary Public	Milacele	

Page 3 of 3

My Commission Expires 02/28/2011

RECORDED: 05/15/2017