### 501852958 03/14/2012

### PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

### **CONVEYING PARTY DATA**

Name	Execution Date	
Joseph D. Brannan	01/30/2012	
Kyle R. Rick	01/31/2012	
Manoja Weiss	02/16/2012	
Joshua C. Glazier	03/01/2012	

### **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:	13419981

### **CORRESPONDENCE DATA**

 Fax Number:
 (303)581-6632

 Phone:
 303-530-6138

Email: ebd.iplegal@covidien.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: TYCO Healthcare Group LP Attn: IP Legal

Address Line 1: 5920 Longbow Drive Address Line 2: Mail Stop A36

Address Line 4: Boulder, COLORADO 80301-3299

ATTORNEY DOCKET NUMBER:	H-EB-00125 (1544-193)	
NAME OF SUBMITTER:	Giordana Belenchia-Sauer	

PATENT

REEL: 027862 FRAME: 0735

H \$40,00 1341

501852958

# Total Attachments: 12 source=FinalAssignment#page1.tif source=FinalAssignment#page2.tif source=FinalAssignment#page3.tif source=FinalAssignment#page4.tif source=FinalAssignment#page5.tif source=FinalAssignment#page6.tif source=FinalAssignment#page7.tif source=FinalAssignment#page8.tif source=FinalAssignment#page9.tif source=FinalAssignment#page10.tif source=FinalAssignment#page10.tif source=FinalAssignment#page11.tif

PATENT REEL: 027862 FRAME: 0736

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**:

	Joseph D. Brannan Kyle R. Rick Manoja Weiss Joshua C. Glazier
	(If assignment is by person or entity to whom invention was previously assigned and this ed in PTO add the following) Recorded on: Reel Frame s, assigns and transfers to
ASSIGNEE	
[X] the enti	re right, title and interest
[] an undiv possessions	ided percent (%) interest for the United States and its territorial
future infring	Il foreign countries, including all rights to claim priority, the right to sue for present, past and gement, in the United States, its territorial possessions, and in all foreign countries, including all onvention rights in and to the invention and any and all improvements entitled:
	MICROWAVE ABLATION GENERATOR CONTROL SYSTEM
and which is  (a) [X]  (b) []  (c) []  (d) []  (e) []  (f) []	U.S. patent application executed on even date herewith.

Page 1 of 4

	IJ	A change of address to regarding pate separately.	to which correspor ent maintenance f		
(g)	[X]	and any legal equivale and, in and to, all Lette	ers Patent to be of ontinuation-in-part	eign country, including the btained for said invention , divisional, renewal, or su ination thereof	by the above application
has be	en or wil			assignment, sale, agreen inflict with this assignmen	
Trade	marks to	ASSIGNORS hereby a issue all such Letters P		quests the Commissioner EE:	of Patents and
equiva and de Letters repres or part oaths compe	lents; to eliver any s Patents entatives s thereof and do al	essible to ASSIGNORS testify as to the same ir and all papers that may which may be granted by to execute any additions, and for the reissue of all lawful acts requisite for but at the sole expense.	s relating to said in any interference, y be necessary or therefor in said As and or divisional a any Letters Paten procuring the sa	desirable to perfect the ti SSIGNEE, its successors	Patent and legal elated thereto; to execute tle to said invention or any assigns or other legal said invention, or any part and to make all rightful all without further
Serial them.	No. and/			and Assignee's attorneys cation(s) after such inforr	s the power to insert the nation becomes known to
IN WI	TNESS V	VHEREOF, I/We have h	nereunto set hand	and seal.	
	$\wedge$	Date of signing must be was checked above.  The part of the control of the contro	pe the <b>same as</b> the	e date of execution of the  1-30-12  Dated  1-31-12  Dated	application if item (a) .
Ttyle i	. IXION			Dated	
Mano	ja Weiss		<del></del>	Dated	
Joshu	s C. Gla	 zier	_	Dated	

[X] Notarization or Legalization Page Added.

State of Colorado )
) ss County of Boulder )
Before me this <u>30</u> day of <u>January</u> 2012,
personally appeared <b>Joseph D. Brannan</b> to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.
AFFIX SEAL  Notary Public  Notary Public  My Commission Expires 02/28/2015
State of Colorado )
) ss County of Boulder )
Obdity of bodicer
Before me this <u>31</u> day of <u>January</u> 2012,  personally appeared <b>Kyle R. Rick</b> to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Page 3 of 4

My Commission Expires 02/28/2015

State of Colorado )		
County of)	SS	
Before me this	_ day of	_2012,
personally appeared <b>Manoja Weis</b> executed the above instrument, an for the purposes therein set forth.	s to me personally known d acknowledged to me tha	to be the person described in and who t he/she executed the same of his own free wil
		Notary Public
AFFIX SEAL		
State of Colorado )	SS	
County of		
Before me this	_ day of	_2012,
		own to be the person described in and who the the same of his own free will
		Notary Public

AFFIX SEAL

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:

> Joseph D. Brannan Kyle R. Rick

	Manoja Weiss Joshua C. Glazier
	(If assignment is by person or entity to whom invention was previously assigned and this a PTO add the following) Recorded on: Reel Frame
hereby sells, as	signs and transfers to
ASSIGNEE:	Vivant Medical, Inc. (Type or print name of ASSIGNEE) Address 5920 Longbow Drive Boulder, CO 80301-3299 U.S.A. Nationality
and the success	sors, assigns and legal representatives of the ASSIGNEE
[X] the entire rig	ght, title and interest
[] an undivided possessions	percent (%) interest for the United States and its territorial
future infringem	reign countries, including all rights to claim priority, the right to sue for present, past and ent, in the United States, its territorial possessions, and in all foreign countries, including all ention rights in and to the invention and any and all improvements entitled:
	MICROWAVE ABLATION GENERATOR CONTROL SYSTEM
	(title of invention)
(b) [] (c) [] (d) [] (e) []	u.S. patent application executed on even date herewith.  U.S. patent application executed on  U.S. application Serial No filed on  U.S. provisional application No filed on  U.S. Patent No issued  PCT application No filed on

Page 1 of 4

(yle R.	Rick		Dated	
oseph	D. Bran	annan D	Dated	
VARNI	NG:	Date of signing must be the same as the c was checked above.	date of execution of the application if item (a)	
ITIW N	NESS W	WHEREOF, I/We have hereunto set hand ar	nd seal.	
Serial N hem.	lo. and/o		and Assignee's attorneys the power to insert the ation(s) after such information becomes known to	
equivale and del etters eprese or parts oaths a comper	ents; to inverse the contents of the contents	cessible to ASSIGNORS relating to said invertestify as to the same in any interference, lift y and all papers that may be necessary or destinition with the said ASS so execute any additional or divisional apport, and for the reissue of any Letters Patents all lawful acts requisite for procuring the sam, but at the sole expense of ASSIGNEE, its second and contents and the sole expense of ASSIGNEE, its second and contents are contents and the sole expense of ASSIGNEE, its second and contents are contents are contents and contents are contents are contents.	itigation or proceeding related thereto; to execute lesirable to perfect the title to said invention or any SIGNEE, its successors, assigns or other legal polications for patents for said invention, or any parts to be granted therefor; and to make all rightful ne or for aiding therein, all without further	
Tradem	narks to	ASSIGNORS hereby authorizes and reque to issue all such Letters Patent to ASSIGNEE		
nas bee	en or wil	ASSIGNORS hereby covenants that no as rill be made or entered into which would conf	ssignment, sale, agreement or encumbrance flict with this assignment;	
(g)	[X]	and any legal equivalent thereof in a foreign and, in and to, all Letters Patent to be obtained.	ign country, including the right to claim priority ained for said invention by the above application divisional, renewal, or substitute thereof, and as ation thereof	
	[]	A change of address to which correspond regarding patent maintenance fee separately.		

[X] Notarization or Legalization Page Added.

Joshus C. Glazier

Dated

Dated

State of Colorado	)		
County of Boulder	) ss )		
Before me this _	day of	2012,	
	ind acknowledged to me	ly known to be the person described in a that he/she executed the same of his ov	
•		Notary Public	
AFFIX SEAL			٠,.
			•
			•
	•		
State of Colorado )	SS		
County of Boulder )			
Before me this	day of	2012,	
personally appeared <b>Kyle R. Rick</b> the above instrument, and acknow purposes therein set forth.	to me personally known ledged to me that he/sh	to be the person described in and who e e executed the same of his own free will	executed for the
	_	Notary Public	
		·	
AFFIX SEAL			

Page 3 of 4

State of Colorado )	
County of <u>Jefferson</u> ) ss	
Before me this <u>lo</u> day of <u>Feb</u>	2012,
personally appeared <b>Manoja Weiss</b> to me personally executed the above instrument, and acknowledged to for the purposes therein set forth.	
	Januel & Walter Notary Public 02/01/2016
AFFIX SEAL	
State of Colorado ) ss	
County of )	
Before me this day of	2012,
personally appeared <b>Joshus C. Glazier</b> to me personally appeared <b>Joshus C. Glazier</b> to me personal executed the above instrument, and acknowledged to for the purposes therein set forth.	ally known to be the person described in and who me that he/she executed the same of his own free will
	Notary Public
AFFIX SEAI	

Page 4 of 4

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**:

Joseph D. Brannan

Kyle R. F Manoja V Joshua C	
was recorded in PTO add	ment is by person or entity to whom invention was previously assigned and this the following) I on:
hereby sells, assigns and	transfers to
ASSIGNEE:	Vivant Medical, Inc. (Type or print name of ASSIGNEE) Address 5920 Longbow Drive Boulder, CO 80301-3299 U.S.A. Nationality
and the successors, assig	ns and legal representatives of the ASSIGNEE
[X] the entire right, title ar	nd interest
[] an undividedpossessions	percent (%) interest for the United States and its territorial
future infringement, in the	tries, including all rights to claim priority, the right to sue for present, past and United States, its territorial possessions, and in all foreign countries, including all ts in and to the invention and any and all improvements entitled:
MICI	ROWAVE ABLATION GENERATOR CONTROL SYSTEM
(b) [] U.S. pater (c) [] U.S. appli (d) [] U.S. provi	(title of invention)  nt application executed on even date herewith. nt application executed on cation Serial No filed on sional application No
( ) ( ) ( ) ( ) ( )	nt No issued cation No

Page 1 of 4

	[]	A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent				
(g)	[X]	and, in and to, all Let or any continuation, of	arately.  All equivalent thereof in a foreign country, including the right to claim priority  o, all Letters Patent to be obtained for said invention by the above application  nuation, continuation-In-part, divisional, renewal, or substitute thereof, and as  ent any reissue or re-examination thereof			
has b	een or wil	ASSIGNORS hereby I be made or entered i	covenants that no into which would co	assignment, sale, agreem nflict with this assignment;	ent or encumbrance	
Trade	emarks to	ASSIGNORS hereby issue all such Letters	authorizes and rec Patent to ASSIGNE	quests the Commissioner c EE;	of Patents and	
equivand of Letter repression parties of parties compared to the compared to t	alents; to leliver any rs Patents sentatives rts thereo	essible to ASSIGNOR testify as to the same and all papers that me which may be granted it to execute any addit and for the reissue of lawful acts requisite but at the sole expens	S relating to sald in In any interference, ay be necessary or d therefor in said Al tional or divisional a of any Letters Paten for procuring the sa	ptly provide all pertinent fa ivention and said Letters P ittigation or proceeding re- desirable to perfect the titl SSIGNEE, its successors, pplications for patents for site to be granted therefor; a ime or for aiding therein, a s successors, assigns, or o	atent and legal lated thereto; to execute le to said invention or any assigns or other legal said invention, or any parand to make all rightful li without further	
Seria them		ASSIGNORS hereby or filing date of the abo	/ grants ASSIGNEE ove-described appl	and Assignee's attorneys ication(s) after such inform	the power to insert the ation becomes known to	
IN W	ITNESS V	NHEREOF, I/We have	e hereunto set hand	and seal.		
WAR	NING:	Date of signing must was checked above.	t be the <b>same as</b> th	e date of execution of the	application if item (a)	
Jose	ph D. Bra	innan		Dated		
Kyle	R. Rick		<del></del>	Dated		
Man	oja Weis:	5	<del></del>	Dated		
Josh	lug ( us C. Gla	Islanjes		$\frac{3/1/2012}{\text{Dated}}$		

[X] Notarization or Legalization Page Added.

Page 2 of 4

State of Colorado )		
County of Boulder )	SS	
Before me this _	day of	2012,
		known to be the person described in and who at he/she executed the same of his own free wil
		Notary Public
AFFIX SEAL		
01.1 (0.1 1		
State of Colorado )	SS	
County of Boulder )		
Before me this	day of	_ 2012,
		be the person described in and who executed executed the same of his own free will for the
		Notary Public

AFFIX SEAL

State of Colorado )				
County of ) ss	•			
Before me this day of	2012,			
personally appeared <b>Manoja Weiss</b> to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.				
- -	Notary Public			
AFFIX SEAL				
State of Colorado  County of <u>Jefferson</u> ) ss				
County or 3 CAAC SE 1				
Before me this 1st day of March 2012,				
personally appeared <b>Joshus C. Glazier</b> to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.				
	Julie Ka Cer			
JULIE KOLER  NOTARY PUBLIC  AFFISSIATE OF COLORADO	// Notary Public			
My Commission Expires 07/17/2012				

Page 4 of 4

PATENT REEL: 027862 FRAME: 0748