

Via Facsimile: 703-306-5995

Attorney Docket No. 001-041501US

Form PTO-1595 modified (Rev. 10/02)		RECORDATION FORM COVER SHEET		U.S. DEPARTMENT OF COMMERCE	
OMB No. 0654-0027 (exp. 6/30/2005)		PATENTS ONLY		U.S. Patent and Trademark Office	
Tab settings					
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): Guy P. Vanney Jeremy D. Dando		2. Name and address of receiving party(ies) Name: St. Jude Medical, Daig Division, Inc. Address: 14901 DeVeau Place			
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other		City: Minnetonka State/Prov.: MN Country: USA Zip: 55345			
Execution Date: 23 June 2003		Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) Filing Date B. Patent No.(s) 10/608,297 27 June 2003 Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Reed R. Heimbecher, Esq. Registration No.: 36,353 Address: 200 Union Blvd, Suite 316 City: Lakewood State/Prov.: CO Country: US Zip: 80228-1831		6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41).....\$ 40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to Deposit account 8. Deposit account number: (Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE THIS SPACE					
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Reed R. Heimbecher, Esq. [Signature] 11 November 2003 Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and documents: 4					

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

OP \$40.00 10608297

Attorney Docket No. 11529US.00

ASSIGNMENT

WHEREAS, WE, Guy P. Vanney of 10927 Buchanan Road, Blaine, Minnesota 55434 and Jeremy D. Dando of 14400 4th Avenue North, Plymouth, Minnesota 55447, hereinafter ASSIGNORS, have invented certain new and useful improvements in ABLATION CATHETER HAVING A VIRTUAL ELECTRODE COMPRISING PORTHOLES AND CONDUCTIVE MESH, for which United States patent application number 60/441,849 was filed on 21 January 2003;

AND WHEREAS St. Jude Medical, Daig Division, Inc., a corporation organized and existing under the laws of the State of Minnesota, and having a business address at 14901 DeVeau Place, Minnetonka, Minnesota 55345, hereinafter ASSIGNEE, is desirous of acquiring the entire right, title, and interest in, to, and under said invention, said application, and any and all patents to be obtained therefor throughout the world;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00 USD) and other good and valuable consideration to us in hand paid by ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do hereby sell, assign, and transfer unto ASSIGNEE, its successors and assigns, our entire right, title, and interest in and to said invention, said application, all divisions, continuations, continuations-in-part, reissues, or renewals thereof, and said patents, both foreign and domestic, that may or shall issue, including all of our entire rights under any and all international conventions;

AND WE HEREBY authorize ASSIGNEE, its successors and assigns, or anyone it may properly designate, to apply for patents, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and otherwise take advantage of the provisions of any and all international conventions;

AND WE HEREBY authorize and request any official of any State whose duty consists of issuing patents, or other evidence or forms of any industrial property protection on any aforesaid application, to issue same to ASSIGNEE, its successors and assigns, in accordance herewith;

AND WE HEREBY covenant and agree with ASSIGNEE, its successors and assigns, that we have the full right to convey the entire interest assigned herein, and that we have not executed, and will not execute, any agreement in conflict herewith, and that we will not do any other act whatsoever conflicting with these presents, and that we or our successors, assigns, executors, or administrators will at any time upon request, without further or additional consideration, but at the expense of ASSIGNEE, its successors and assigns, communicate to ASSIGNEE, its successors and assigns, any facts known to ASSIGNORS respecting said invention, and testify in any legal proceedings, sign any lawful papers, execute any original, divisional, continuation, and continuation-in-part applications, make any rightful oaths, and generally do such additional acts as ASSIGNEE, its successors and assigns, may deem necessary or desirable to obtain and enforce proper protection for said invention throughout the world;

Assignors' Initials

GP / JD**PATENT**
REEL: 014118 FRAME: 0872

Attorney Docket No. 11529US.00

AND WE HEREBY FURTHER covenant and agree that this Assignment is effective as of 21 January 2003.

IN TESTIMONY WHEREOF, ASSIGNORS hereunto sets their hands on the under-mentioned day and year, and delivers this Assignment.

Date: 6/23/03Guy P. Vanney
Guy P. VanneyDate: 23 Jun 03Jeremy D. Dando
Jeremy D. Dando

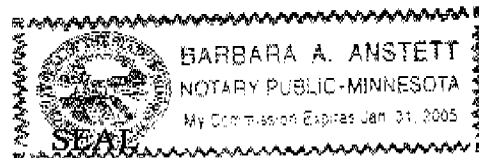
TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Guy P. Vanney, to me known and known to me to be the person of that name, who signed the foregoing Assignment and acknowledged that execution of the same was a free act and deed.

23 June 03

(Date)

minnetonka

(Place)

Jan 31, 2005

(Commission Expiry Date)

Barbara A. Anstett

(Notary Public: Signature and Name)

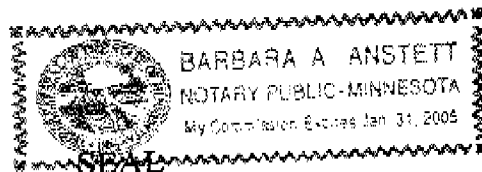
TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Jeremy D. Dando, to me known and known to me to be the person of that name, who signed the foregoing Assignment and acknowledged that execution of the same was a free act and deed.

23 June 03

(Date)

minnetonka

(Place)

Jan 31, 2005

(Commission Expiry Date)

Barbara A. Anstett

(Notary Public: Signature and Name)

SAID ASSIGNEE HEREBY acknowledges the aforesaid statements and accepts the aforesaid Assignment, transfer, and set over of said invention;

Assignors' Initials

W. J. D.

Attorney Docket No. 11529US.00

AND, IN TESTIMONY WHEREOF, said ASSIGNEE hereunto sets its hand on the under-mentioned day and year.

(Date)

(ASSIGNEE: Title, Signature, and Name)

(Witness: Signature and Name)

(Witness: Signature and Name)

Assignors' Initials
g. / J.D.