

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Michael Johnson</td><td>02/26/2004</td></tr><tr><td>Kirk S. Honour</td><td>07/14/2004</td></tr></tbody></table>		Name	Execution Date	Michael Johnson	02/26/2004	Kirk S. Honour	07/14/2004
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Michael Johnson	02/26/2004						
Kirk S. Honour	07/14/2004						
RECEIVING PARTY DATA							
Name:	St. Jude Medical, Daig Division, Inc.						
Street Address:	14901 DeVeau Place						
City:	Minnetonka						
State/Country:	MINNESOTA						
Postal Code:	55345-2126						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10668831</td></tr></tbody></table>		Property Type	Number	Application Number:	10668831		
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Application Number:	10668831						
CORRESPONDENCE DATA							
Fax Number: (952)351-1777 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone: 9529334700							
Email: stwomey@sjm.com							
Correspondent Name: Reed R. Heimbecher							
Address Line 1: St. Jude Medical, AF Division, Inc.							
Address Line 2: 14901 DeVeau Place							
Address Line 4: Minnetonka, MINNESOTA 55345-2126							
ATTORNEY DOCKET NUMBER:	0B-045201US						
NAME OF SUBMITTER:	Susan Twomey						
Total Attachments: 3 source=Fully-executed assignment#page1.tif source=Fully-executed assignment#page2.tif							

OP \$40.00 10668831

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PATENT
REEL: 019542 FRAME: 0907

ASSIGNMENT

WHEREAS, WE, Michael Johnson of 4600 44th Avenue South, Minneapolis, Minnesota 55406, and Kirk S. Honour of 3507 Elmwood Place, Minnetonka, Minnesota 55345, hereinafter ASSIGNORS, have invented certain new and useful improvements in METHOD FOR MANUFACTURING MEDICAL DEVICE HAVING EMBEDDED TRACES AND FORMED ELECTRODES, for which United States patent application number 10/668,831 was filed on 22 September 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 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

AND WE HEREBY FURTHER covenant and agree that this Assignment is effective as of 22 September 2003.

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

Date: February 26, 2004 [Signature]
Michael Johnson

Date: 19-5-1-04 [Signature]
Kirk S. Honour

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Michael Johnson, 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.

February 13, 2004 Minnesota
(Date) (Place)

SEAL

Jan. 31, 2005 Barbara A. Gustafson
(Commission Expiry Date) (Notary Public: Signature and Name)

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Kirk S. Honour 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.

July 14, 2004 Minnesota
(Date) (Place)

SEAL

Jan. 31, 2005 Barbara A. Gustafson
(Commission Expiry Date) (Notary Public: Signature and Name)

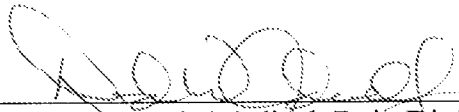
Assignors' Initials

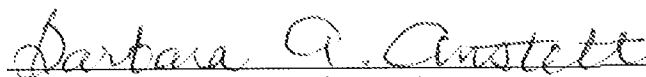
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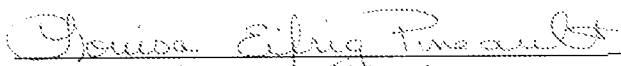
SAID ASSIGNEE HEREBY acknowledges the aforesaid statements and accepts the aforesaid Assignment, transfer, and set over of said invention;

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

15 July 2007
(Date)


Assignee: St. Jude Medical, Daig Division, Inc.
David W. Adinolfi
President


(Witness: Signature and Name)


(Witness: Signature and Name)

Assignors' Initials

