

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>Chad A. Thorstenson</td> <td>07/19/2005</td> </tr> <tr> <td>Richard E. Stehr</td> <td>07/20/2005</td> </tr> <tr> <td>Omar Amirana</td> <td>12/16/2004</td> </tr> <tr> <td>Daniel J. Potter</td> <td>07/19/2005</td> </tr> </tbody> </table>		Name	Execution Date	Chad A. Thorstenson	07/19/2005	Richard E. Stehr	07/20/2005	Omar Amirana	12/16/2004	Daniel J. Potter	07/19/2005
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<table border="1"> <tr> <td>Name:</td> <td>St. Jude Medical, Daig Division, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>14901 DeVeau Place</td> </tr> <tr> <td>City:</td> <td>Minnetonka</td> </tr> <tr> <td>State/Country:</td> <td>MINNESOTA</td> </tr> <tr> <td>Postal Code:</td> <td>55345-2126</td> </tr> </table>		Name:	St. Jude Medical, Daig Division, Inc.	Street Address:	14901 DeVeau Place	City:	Minnetonka	State/Country:	MINNESOTA	Postal Code:	55345-2126
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CORRESPONDENCE DATA											
<p>Fax Number: 6517562808 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 6517562000 Email: evogt@sjm.com</p> <p>Correspondent Name: Anne R. Carlberg Address Line 1: St. Jude Medical, AF Division, Inc. Address Line 2: One St. Jude Medical Drive Address Line 4: St. Paul, MINNESOTA 55117</p>											
ATTORNEY DOCKET NUMBER:	0B-044602US										
NAME OF SUBMITTER:	Emily A. Vogt										
<p>Total Attachments: 4 source=Fully_exec_AST_from_parent#page1.tif source=Fully_exec_AST_from_parent#page2.tif source=Fully_exec_AST_from_parent#page3.tif source=Fully_exec_AST_from_parent#page4.tif</p>											

OP \$40.00 12980973

ASSIGNMENT

WHEREAS, WE, Chad A. Thorstenson of 2105 142nd Lane Northwest, Andover, Minnesota 55304; Richard E. Stehr of 771 Fischer Circle, Stillwater, Minnesota 55082; Omar Amirana of 2824 Kenwood Isles Dr. Minneapolis MN 55408; and Daniel J. Potter of 9653 Lansing Avenue North, Stillwater, Minnesota 55082, hereinafter ASSIGNORS, have invented certain new and useful improvements in an invention entitled "Splittable cannula having radiopaque marker," for which United States patent application number 11/052,617 was filed on Feb. 4, 2005;

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 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 authorize ASSIGNEE, its successors and assigns, or anyone it may properly designate, to insert into this instrument the application number and filing date of said U.S. patent application once known;

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 or

Assignors' Initials

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declarations, 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;

AND WE HEREBY FURTHER covenant and agree that this Assignment is effective as of February 4, 2005 [enter filing date of the application mentioned in first paragraph].

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

Date: 7-19-05 Chad A. Thorstenson
Chad A. Thorstenson

Date: 7-20-05 Richard E. Stehr
Richard E. Stehr

Date: 12-16-04 Omar Amirana, MD
Omar Amirana

Date: 19 JUL 05 Daniel J. Potter
Daniel J. Potter

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Chad A. Thorstenson, 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.

7/19/05 Hennepin County, MN
(Date) (Place)

SEAL

Jan. 31, 2010 Molly McClan
(Commission Expiry Date) (Notary Public: Signature and Name)

Assignors' Initials
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TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place,
personally appeared Richard E. Stehr, 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.

7/20/05
(Date)

Hennepin Cty., MN
(Place)

SEAL

Jan. 31, 2010
(Commission Expiry Date)

Molly McClellan
(Notary Public: Signature and Name)
Molly McClellan

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

12-16-04
(Date)

Minnetonka, MN
(Place)



SEAL

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 Daniel J. Potter, 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.

7/19/05
(Date)

Hennepin County, MN
(Place)

SEAL

Jan. 31, 2010
(Commission Expiry Date)

Molly McClellan
(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.

7-26-05
(Date)

Jane Song
(ASSIGNEE: Title, Signature, and Name)
Jane Song, President

Judith Drake
(Witness: Signature and Name) Judith Drake

Lee Ann Sprague
(Witness: Signature and Name) Lee Ann Sprague

Assignors' Initials
CAT/ BSA RES/