

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT4791309

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PETER N. BRAIDO	10/03/2013
MINA S. FAHIM	10/29/2013
ANDREA L. MCCARTHY	10/29/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ST. JUDE MEDICAL, CARDIOLOGY DIVISION, INC.
<b>Street Address:</b>	177 EAST COUNTY ROAD B
<b>City:</b>	ST. PAUL
<b>State/Country:</b>	MINNESOTA
<b>Postal Code:</b>	55117
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14475874
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(908)654-0415
<i>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.</i>	
<b>Phone:</b>	(908) 518-6335
<b>Email:</b>	assignment@lernerdavid.com
<b>Correspondent Name:</b>	LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP
<b>Address Line 1:</b>	600 SOUTH AVENUE WEST
<b>Address Line 4:</b>	WESTFIELD, NEW JERSEY 07090
<b>ATTORNEY DOCKET NUMBER:</b>	STJUDE 3.0F-300 (E)
<b>NAME OF SUBMITTER:</b>	KATHLEEN REYNOLDS
<b>SIGNATURE:</b>	/Kathleen Reynolds/
<b>DATE SIGNED:</b>	01/24/2018
<b>Total Attachments: 3</b>	
source=Executed Assignments#page1.tif	
source=Executed Assignments#page2.tif	
source=Executed Assignments#page3.tif	

<b>ASSIGNMENT OF PROVISIONAL APPLICATION</b>	<small>PTO/SB/15 (8.06) Modified</small> Docket Number (Optional) <b>STJUDE 3.8-300</b>
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Whereas, I, Andrea Louise McCarthy of  
425 Springhill Road; Vadnais Heights, Minnesota 55127

hereafter referred to as Assignor, have with others invented certain new and useful improvements in  
**COMMISSURE ATTACHMENT FEATURES FOR IMPROVED DELIVERY FLEXIBILITY  
AND TRACKING**

☒ for which a provisional application for a United States Patent was filed on September 4, 2013  
Application Number 61/873,418

☐ for which a provisional application for a United States Patent was executed on \_\_\_\_\_

and Whereas, St. Jude Medical, Cardiology Division, Inc.  
a corporation of Delaware herein referred to as "assignee" whose mailing address is  
177 East County Road B; St. Paul, Minnesota 55117  
is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00 ), the receipt whereof  
is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said  
assignee my entire right, title and interest for the United States of America and all other countries in and to said  
invention and the aforesaid provisional patent application and all original, divisional, continuation, continuation-in-  
part, substitute or reissue applications and patents applied for or granted therefor in the United States of America  
and all other countries, for said invention, including without limitation all applications and patents for said invention  
claiming priority or benefit of the aforesaid provisional application pursuant to any law or treaty, and including the  
right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and  
requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of  
the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby  
agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation,  
reissue and other applications for Letters Patent on said improvements and all assignments thereof to said  
assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned  
respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in  
which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths,  
and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent  
protection for said improvements in all countries, the expenses incident to said applications to be borne and paid  
by said assignee.

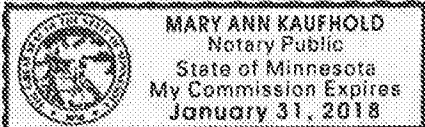
And I do hereby authorize my attorneys, to insert on this deed the filing date and application number of said  
application when known.

29 Oct 13 (Date)                      Andrea McCarthy (Signature)

State of Minnesota ) SS:  
County of Ramsey )

On this 29th day of October, 2013 before me personally came the above-named Andrea  
Louise McCarthy, to me personally known as the individual who executed the foregoing instrument, who  
acknowledged to me that the same was executed by him/her of his/her own free will for the purposes therein set  
forth.

Mary Ann Kaufhold  
(Notary Public)



<b>ASSIGNMENT OF PROVISIONAL APPLICATION</b>	Docket Number (Optional) <b>STJUDE 3.8-300</b>
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Whereas, I, Mina Safwat Fahim of  
5899 Hamline Ave. N.; Shoreview, Minnesota 55126

hereafter referred to as Assignor, have with others invented certain new and useful improvements in  
**COMMISSURE ATTACHMENT FEATURES FOR IMPROVED DELIVERY FLEXIBILITY  
AND TRACKING**

☒ for which a provisional application for a United States Patent was filed on September 4, 2013  
Application Number 61/873,418


☐ for which a provisional application for a United States Patent was executed on \_\_\_\_\_

and Whereas, St. Jude Medical, Cardiology Division, Inc.  
a corporation of Delaware herein referred to as "assignee" whose mailing address is  
177 East County Road B; St. Paul, Minnesota 55117  
is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00 ), the receipt whereof  
is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said  
assignee my entire right, title and interest for the United States of America and all other countries in and to said  
invention and the aforesaid provisional patent application and all original, divisional, continuation, continuation-in-  
part, substitute or reissue applications and patents applied for or granted therefor in the United States of America  
and all other countries, for said invention, including without limitation all applications and patents for said invention  
claiming priority or benefit of the aforesaid provisional application pursuant to any law or treaty, and including the  
right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and  
requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of  
the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby  
agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation,  
reissue and other applications for Letters Patent on said improvements and all assignments thereof to said  
assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned  
respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in  
which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths,  
and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent  
protection for said improvements in all countries, the expenses incident to said applications to be borne and paid  
by said assignee.

And I do hereby authorize my attorneys, to insert on this deed the filing date and application number of said  
application when known.

29 OCT 13  
(Date)


  
(Signature)

State of Minnesota ) SS:  
County of Hennepin )

On this 29<sup>th</sup> day of October, 2013 before me personally came the above-named Mina Safwat  
Fahim, to me personally known as the individual who executed the foregoing instrument, who acknowledged to  
me that the same was executed by him/her of his/her own free will for the purposes therein set forth.

Mary Ann Kaufhold  
(Notary Public)

LD-525A



MARY ANN KAUFHOLD  
Notary Public  
State of Minnesota  
My Commission Expires  
January 31, 2018

**ASSIGNMENT OF PROVISIONAL APPLICATION**

Docket Number (Optional)

STJUDE 3.8-300

Whereas, I, Peter Nicholas Braido of  
21460 Heidelberg St. NE; Wyoming, Minnesota 55092

hereafter referred to as Assignor, have with others invented certain new and useful improvements in  
**COMMISSURE ATTACHMENT FEATURES FOR IMPROVED DELIVERY FLEXIBILITY  
AND TRACKING**

☒ for which a provisional application for a United States Patent was filed on September 4, 2013

Application Number 61/873,418

☐ for which a provisional application for a United States Patent was executed on \_\_\_\_\_,

and Whereas, St. Jude Medical, Cardiology Division, Inc.  
a corporation of Delaware herein referred to as "assignee" whose mailing address is  
177 East County Road B; St. Paul, Minnesota 55117  
is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00 ), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid provisional patent application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid provisional application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

And I do hereby authorize my attorneys, to insert on this deed the filing date and application number of said application when known.

30 Oct 2013

(Date)



(Signature)

State of Minnesota ) SS:  
County of Ramsey )

On this 3rd day of October, 2013 before me personally came the above-named Peter Nicholas Braido, to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same was executed by him/her of his/her own free will for the purposes therein set forth.

Mary Ann Kaufhold  
(Notary Public)

LD-535A

