#### 504725288 01/11/2018

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4772011

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
DANIEL J. KLIMA	08/14/2017
PETER J. NESS	08/16/2017
MITCHELL F. MCBRIDE	12/18/2017

### **RECEIVING PARTY DATA**

Name:	ST. JUDE MEDICAL, CARDIOLOGY DIVISION, INC.
Street Address:	177 EAST COUNTY ROAD B
City:	ST. PAUL
State/Country:	MINNESOTA
Postal Code:	55117

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15592538

### CORRESPONDENCE DATA

Fax Number: (908)654-0415

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.

Phone: (908) 518-6356

Email: assignment@lernerdavid.com

LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP **Correspondent Name:** 

Address Line 1: 600 SOUTH AVENUE WEST

Address Line 4: WESTFIELD, NEW JERSEY 07090

ATTORNEY DOCKET NUMBER:	RNEY DOCKET NUMBER: STJUDE 3.0F-374		
NAME OF SUBMITTER: MELINDA C. CORMIER			
SIGNATURE:	/Melinda C. Cormier/		
DATE SIGNED:	01/11/2018		

## **Total Attachments: 3**

source=STJUDE 3.0F-374 (2354) Assignments#page1.tif source=STJUDE 3.0F-374 (2354) Assignments#page2.tif source=STJUDE 3.0F-374 (2354) Assignments#page3.tif

**PATENT REEL: 044599 FRAME: 0578** 504725288

former PTO/SB/15 (8-00) Modified LDLK&M Docket Number (Optional) STJUDE 3.0F-374 1.00

Whereas, I, Daniel J. Klima 1129 138th Ave. NW; Andover, Minnesota 55304 hereafter referred to as assignor, have with others invented certain new and useful improvements in SYSTEMS AND METHODS FOR DEVICE IMPLANTATION X for which an application for a United States Letters Patent was filed on May 11, 2017 Application Number 15/592,538 for which an application for a United States Letters Patent was executed by me on , St. Jude Medical, Cardiology Division, Inc. Whereas: 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 dollars (\$ 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 utility 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 utility 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. I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No.. 62/335,876, filed May 13, 2016, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. 62/335,876 pursuant to any law or treaty in the countries of the world. And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known. 7-Flug-2017 (Date) Minnesota ) ss: Wright State of County of On this Wh day of Aug var , 2017 before me personally came the above-named Daniel J. Klima, 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/ber own free will for the purposes therein set forth. (Notary Public) \*Total of forms are submitted. х

ASSIGNMENT OF UTILITY APPLICATION

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former PTO/SB/15 (8-00) Modified LDLK&M

Docket Number (Ontional)

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional)	
	STJUDE 3.0F-374	
Whereas, I, Peter J. Ness	of	
5644 10th Ave S.; Minneapolis, Minnesota 55417		
hereafter referred to as assignor, have with others invented certain ne	ew and useful improvements in	
SYSTEMS AND METHODS FOR DEVICE IMPLANTA	•	
X for which an application for a United States Letters Pate	ent was filed on <u>May 11, 2017</u>	
Application Number 15/592,538		
for which an application for a United States Letters Pater	nt was executed by me on	
and	3	
Whereas, St. Jude Medical, Cardiology Division, Inc. a corporation of Delaware herein referred to as "assignee" whose ma	siling addrage is	
177 East County Road B; St. Paul, Minnesota 55117	aming address is	
is desirous of acquiring the entire right, title and interest in the same;		
is acknowledged, and other good and valuable consideration, I as assignee my entire right, title and interest for the United States of invention and the aforesaid utility patent application and all orig substitute or reissue applications and patents applied for or granted other countries, for said invention, including without limitation all appriority or benefit of the aforesaid utility application pursuant to any liprority or benefit and the Commissioner of Patents and Trademark patents on said improvements or resulting therefrom to said assigner and the undersigned for me and my legal representatives, heirs an further remuneration, to execute and deliver all original, divisional Letters Patent on said improvements and all assignments thereof to said assignee or its representatives all facts known to the under requested, to testify in any interferences or other legal proceedings become involved, to sign all lawful papers, make all rightful oaths, assignee, its successors, assigns and nominees to obtain patent processors incident to said applications to be borne and paid by said as I, as assignor, hereby assign to said assignee all of my right, title and the said assignee all of my right, title and the said assignee all of my right, title and the said assignee all of my right, title and the said assignee all of my right, title and the said assignee all of my right, title and the said assignee all of my right, title and the said assignee all of my right, title and the said assignee all of my right, title and the said assignee all of my right, title and the said assignee all of my right, title and the said assignee all of my right, title and the said assignee all of my right, title and the said assignee all of my right, title and the said assignee all of my right, title and the said assignee all of my right, title and the said assignee all of my right, title and the said assignee all of my right.	of America and all other countries in and to said pinal, divisional, continuation, continuation-in-part, distribution the United States of America and all oplications and patents for said invention claiming law or treaty, and including the right to claim such that is the hereby authorized and requested to issue all the herein, as assignee of the entire interest therein; and assigns do hereby agree and covernant without the continuation, reissue and other applications for the said assignee or its assigns, to communicate to resigned respecting said improvements, whenever in which any of said applications or patents may and to do generally everything necessary to aid otection for said improvements in all countries, the ssignee.	
No <u>62/335,876</u> , filed <u>May 13, 2016</u> , and in the invention disclosed th to claim priority or benefit of said Application No. <u>62/335,876</u> pursual		
And I do hereby authorize my attorneys to insert on this deed the filli when known.	ng date and application number of said application	
16-Av6-2017	(Signature)	
State of Minne Sottom ) SS:	DOGG	
County of UNISUA )		
On this 16 day of August , 2017 before me	personally came the above-named <u>Peter J.</u>	
Ness, 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.		
	э	
(Notary Public)		
x *Total of 3 forms are submitted.		



	former PTO/SB/15 (8-01) Modifie Docket Number (Optional)	iCLi be
ASSIGNMENT OF UTILITY APPLICATION	STJUDE 3.0F-374	
Whereas, I, Mitchell F. McBride	of	is .
1500 LaSatle, Apt. 524; Minneapolis, Minnesota 55403		
hereafter referred to as assignor, have with others invented certain ne	ew and useful improvements in	
SYSTEMS AND METHODS FOR DEVICE IMPLANT,	•	
x for which an application for a United States Letters Pate		
Application Number 15/592,538		
for which an application for a United States Letters Pater and	nt was executed by me on,	
Whereas, St. Jude Medical, Cardiology Division, Inc. a corporation of Delaware herein referred to as "assignee" whose ma	alling address is	
177 East County Road B; St. Paul, Minnesota 55117		
is desirous of acquiring the entire right, title and interest in the same;		
is acknowledged, and other good and valuable consideration, I as assignee my entire right, title and interest for the United States of invention and the aforesaid utility patent application and all orig substitute or reissue applications and patents applied for or granter other countries, for said invention, including without limitation all application to benefit of the aforesaid utility application pursuant to any inpriority or benefit and the Commissioner of Patents and Trademark patents on said improvements or resulting therefrom to said assigner and the undersigned for me and my legal representatives, heirs an further remuneration, to execute and deliver all original, divisional, Letters Patent on said improvements and all assignments thereof to said assignee or its representatives all facts known to the under requested, to testify in any interferences or other legal proceedings become involved, to sign all lawful papers, make all rightful oaths, assignee, its successors, assigns and nominees to obtain patent proexpenses incident to said applications to be borne and paid by said as I, as assigner, hereby assign to said assignee all of my right, title an No., 62/335,876, filled May 13, 2016, and in the invention disclosed the	of America and all other countries in and to intal, divisional, continuation, continuation-in- d therefor in the United States of America an optications and patents for said invention clair taw or treaty, and including the right to claim to is is hereby authorized and requested to issue therein, as assignee of the entire interest their dissigns do hereby agree and covenant with, continuation, reissue and other applications of said assignee or its assigns, to communicate signed respecting said improvements, whenever in which any of said applications or patents in and to do generally everything necessary to otection for said improvements in all countries, usignee.  In interest in United States Provisional Applications or all countries are to in all countries of the world including the respection in all countries of the world including the respection.	saio part, d all ming such ie all irein; shout ever may aid the ation
to claim priority or benefit of said Application No. <u>62/335,876</u> pursuar And I do hereby authorize my attorneys to insert on this deed the filir		
when known,	/	
18066 2017	1 refle	
(Date)	(Signature)	
State of MINNGOTA ) SS: 389-08-9	≫ &3 Ø	
County of Kamsey )		
On this 8th day of Down On this 8th day of Down On this McBride, to me personally known as the individual who executed the	personally came the above-named Mitchel	LF.
that the same was executed by him/her of his/her own free will for the		me

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X

(Notary Public)

\*Total of 3 forms are submitted.

MARY TTHOMBGON
Notery Public
Minnesons
Min Commission Expires

REEL: 044599 FRAME: 0581