# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3586226

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
PETER NICHOLAS BRAIDO	06/26/2013
DANIEL COYLE	06/27/2013
MARY JOHNSON	06/26/2013
JULIA ANN SCHRAUT	06/26/2013
RYAN BUESSELER	06/25/2013
JACOB JOHN DALY	06/26/2013

## **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:	14882669

## **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) 518-6352

assignment@lernerdavid.com Email:

**Correspondent Name:** LDLK&M

Address Line 1: 600 SOUTH AVENUE WEST

Address Line 4: WESTFIELD, NEW JERSEY 07090

ATTORNEY DOCKET NUMBER:	STJUDE 3.0-230 CON
NAME OF SUBMITTER:	MELINDA C. CORMIER
SIGNATURE:	/Melinda C. Cormier/
DATE SIGNED:	10/26/2015

**Total Attachments: 6** 

**PATENT** REEL: 036881 FRAME: 0040

503539599



	Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	STJUDE 3.0-230 (CD-621)
Whereas, I, Peter Nicholas Braido 21460 Heidelberg St. NE; Wyoming, Minnesota 550	of
hereafter referred to as assignor, have with others invented	
VALVE ASSEMBLY FOR CRIMP PROFILE	,
X for which an application for a United States Le	etters Patent was filed on March 7, 2013
Application Number 13/788,696	
for which an application for a United States Let and	ters Patent was executed by me on,
Whereas, St. Jude Medical, Cardiology Division	, Inc.
a corporation of <u>Delaware</u> herein referred to as "assignee"	
177 East County Road B; St. Paul, Minnesota 551 is desirous of acquiring the entire right, title and interest in the	
	one dollars (\$ 1.00 ), the receipt whereof
is acknowledged, and other good and valuable consideral assignee my entire right, title and interest for the United invention and the aforesaid utility patent application and substitute or reissue applications and patents applied for other countries, for said invention, including without limital priority or benefit of the aforesaid utility application pursual priority or benefit and the Commissioner of Patents and The patents on said improvements or resulting therefrom to said and the undersigned for me and my legal representatives further remuneration, to execute and deliver all original, betters Patent on said improvements and all assignments said assignee or its representatives all facts known to requested, to testify in any interferences or other legal probecome involved, to sign all lawful papers, make all right assignee, its successors, assigns and nominees to obtain expenses incident to said applications to be borne and paid I, as assignor, hereby assign to said assignee all of my rig No 61/666,174, filed June 29, 2012, and in the invention	tion, I as assignor hereby sell, assign and set over to said I States of America and all other countries in and to said d all original, divisional, continuation, continuation-in-part, or granted therefor in the United States of America and all tion all applications and patents for said invention claiming nt to any law or treaty, and including the right to claim such rademarks is hereby authorized and requested to issue all d assignee herein, as assignee of the entire interest therein, heirs and assigns do hereby agree and covernant without divisional, continuation, reissue and other applications for thereof to said assignee or its assigns, to communicate to the undersigned respecting said improvements, whenever occedings in which any of said applications or patents may iful oaths, and to do generally everything necessary to aid patent protection for said improvements in all countries, the
world.	boo, 174 parsuant to any law or heary in the countries of the
And I do hereby authorize my attorneys to insert on this de when known.	ed the filing date and application number of said application
26 June 2013	Je hr Fr
(Date)	(Signature)
State of <u>Miny ESOTO</u> ) SS:	
County of Process )	
On this Way of TUC 3051	before me personally came the above-named Peter
<u>ivičnolas braido,</u> to me personally known as the individual	who executed the foregoing instrument, who acknowledged
to me that the same was executed by hith/her of his/her own	n free will for the purposes therein set forth.
(Notary Rublic)	ANDREA J PAHAN
x *Total of 6 forms are submitted	NOTAKY PUBLIC 10 530/
	MINNESOTA  Ny Commission Expires Jan. 31, 2015

		Docket Number (	Optional)
ASSIGNMENT OF UTILITY APPLICATION		STJUDE 3.0-230	(CD-621)
Whereas, I, Daniel Coyle of			of
4854 Dominica Way; Apple Valley, Minnesola 55124			
hereafter referred to as assignor, have with others invented certa	in new a	and useful improvements in	 <b>!</b>
VALVE ASSEMBLY FOR CRIMP PROFILE			
X for which an application for a United States Letters	Patent v	vas filed on <u>March 7, 2</u>	1013
Application Number 13/788,696			
for which an application for a United States Letters F and	atent wa	as executed by me on	<u></u>
Whereas, St. Jude Medical, Cardiology Division, Inc.	•		
a corporation of Delaware herein referred to as "assignee" whose	e mailing	address is	
177 East County Road B; St. Paul, Minnesota 55117 is desirous of acquiring the entire right, title and interest in the sai	mar	······································	
NOW, THEREFORE, in consideration of the sum of one dollars (\$ 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 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 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. 61/666.174, filed June 29,			
And I do hereby authorize my attorneys to insert on this deed th when known.	e filing o	late and application number	er of said application
774167			Francisco
<u>2/5W/13</u>			
State of MinneSctO ) SS:	6	(Signature)	
County of Hyska )			
35			
On this diday of Alle about before m	ne perso	onally came the above-na	ımed <u>Daniel Coyle,</u>
to me personally known as the individual who executed the for same was executed by him/her of his/her own free will for the pur	-going	CONTROL OF ALLS FORCIONS	aged to me that the
(Notary Public)	<u>ann</u>	ANDREA J PAHAN	
		WISOT FRATUR	200000000000000000000000000000000000000
x *Total of 6 forms are submitted.		Ny Commission Expires Jen. 31, 2015	LD-530/

Destruction of the property to the company of the property to the property of	Docket Number (Optional)	
ASSIGNMENT OF UTILITY APPLICATION	STJUDE 3.0-230 (CD-621)	
Whereas, I, Mary Johnson of  1631 Payne Avenue; St. Paul, Minnesota 55130 hereafter referred to as assignor, have with others invented certain new and useful improvements in		
VALVE ASSEMBLY FOR CRIMP PROFILE		
Application Number 13/788,696  for which an application for a United States Letters Pater	<del></del>	
and		
Whereas, St. Jude Medical, Cardiology Division, Inc. a corporation of Delaware herein referred to as "assignee" whose ma 177 East County Road B; St. Paul, Minnesota 55117	ailing address is	
is desirous of acquiring the entire right, title and interest in the same;		
NOW, THEREFORE, in consideration of the sum of 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 original substitute or reissue applications and patents applied for or grante other countries, for said invention, including without limitation all appriority or benefit of the aforesaid utility application pursuant to any priority or benefit and the Commissioner of Patents and Trademark patents on said improvements or resulting therefrom to said assigne and the undersigned for me and my legal representatives, heirs are further remuneration, to execute and deliver all original, divisional Letters Patent on said improvements and all assignments thereof the said assignee or its representatives all facts known to the underrequested, 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 provided in a successor of the said applications to be borne and paid by said at I, as assignor, hereby assign to said assignee all of my right, title at No 61/666,174, filed June 29, 2012, and in the invention disclosed right to claim priority or benefit of said Application No 61/666,174 provide.	of America and all other countries in and to said ginal, divisional, continuation, continuation-in-part, difference in the United States of America and all oplications and patents for said invention claiming law or treaty, and including the right to claim such its is hereby authorized and requested to issue all the herein, as assignee of the entire interest therein; and assigns do hereby agree and covenant without it, continuation, reissue and other applications for oracid assignee or its assigns, to communicate to resigned respecting said improvements, whenever is 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.	
And I do hereby authorize my attorneys to insert on this deed the fill when known.	ing date and application number of said application	
<u> </u>	my /	
State of (Date) State of (N(N)-ESO)	(Šignature)  ne personally came the above-named <u>Mary</u>	
Johnson, to me personally known as the individual who executed that the same was executed by himmer of his her pwn free will for the	he foregoing instrument, who acknowledged to me	
(Notary Public)	NOTARY PUBLIC	
x *Total of 6 forms are submitted.	MINNESOTA  My Commission Express Inn. 51, 2015  Minnesota Commission Express Inn. 51, 2015	
Tall your or a tolling and admittings	TIND COMM	

A 20 40 4 20 A VII 200 A VIII 200 A VIII 20 A VIII 2 A VIII 2 A VIII 2 A A A A A A A A A A A A A A A A A	Docket Number (Optional)		
ASSIGNMENT OF UTILITY APPLICATION	STJUDE 3.0-230 (CD-621)		
Whereas, I, Julia Ann Schraut o  844 County Road I West; Shoreview, Minnesota 55126			
hereafter referred to as assignor, have with others invented certain new and useful improvements in			
VALVE ASSEMBLY FOR CRIMP PROFILE	<b>,</b>		
x for which an application for a United States Letters	Patent was filed on March 7, 2013		
Application Number 13/788,696			
for which an application for a United States Letters P and	atent was executed by me on,		
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 sar	ne;		
NOW, THEREFORE, in consideration of the sum of one dollars (\$ 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 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 coverant 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 when known.			
2014113	Jul. USchut (Signature)		
State of MinneSota ) ss:  County of Anoka )	(Signature)		
On this day of before Schraut, to me personally known as the individual who execute that the same was executed by him/her of his/her own free will for	me personally came the above-named <u>Julia Ann</u> d the foregoing instrument, who acknowledged to me the purposes therein set forth.		
(Notary Public)	ANDREA J PAHAN		
	NOTARY PUBLIC		
x *Total of 6 forms are submitted.	MINNESOTA My Commission Expires Jan. 31, 2015 C-530/		

	Docket Number (Optional)	
ASSIGNMENT OF UTILITY APPLICATION	STJUDE 3.0-230 (CD-621)	
Whereas, I, Ryan Buesseler  196 Swedmark Drive SW; Bemidji, Minnesota 56601	of	
hereafter referred to as assignor, have with others invented certain ne	ew and useful improvements in	
VALVE ASSEMBLY FOR CRIMP PROFILE		
X for which an application for a United States Letters Pate	ent was filed on March 7, 2013	
[ 35] Tel Willott att application for a Gritten Grates Letters i ate	me was med on and on 1, 2010	
Application Number 13/788,696		
for which an application for a United States Letters Paten and	it was executed by me on,	
Whereas, St. Jude Medical, Cardiology Division, Inc.		
a corporation of $\overline{\text{Delaware}}$ herein referred to as "assignee" whose ma	iling 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 (\$ 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 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.		
And I do hereby authorize my attorneys to insert on this deed the filir when known.	3 /3 //	
25-June-2013	fin Carried	
(Date)	(Signature)	
State of <u>INIMESOTO</u> ) SS:		
County of <u>HYOKA</u> )		
On this day of WC 3013 before m	ne personally came the above-named Ryan	
Buesseler, to me personally known as the individual who executed the	he foregoing instrument, who acknowledged to me	
that the same was executed by him/her of his/her own free will for the	Nivellandiadiindiindiindiindiindiindiindiindii	
William Dates	ANDREA J PAHAN	
(Notaly, Public)	NOTARY PUBLIC  WINNESOTA	
x *Total of 6 forms are submitted.	1002 184 Commission Explores 184 2015 \$	
the same of the sa	page at a second	

	Docket Number (Optional)	
ASSIGNMENT OF UTILITY APPLICATION	STJUDE 3,0-230 (CD-621)	
Whereas, I, Jacob John Daly	of	
12472 Fergus Ct. NE; Blaine, Minnesota 55449		
hereafter referred to as assignor, have with others invented certain ne	ew and useful improvements in	
VALVE ASSEMBLY FOR CRIMP PROFILE		
x for which an application for a United States Letters Patr	ent was filed on March 7, 2013	
Application Number 13/788,696		
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	illing 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 (\$ 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 utility patent application and all original, divisional, continuation, continuation, continuation, 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 P		
world.	•	
And I do hereby authorize my attorneys to insert on this deed the fill when known.	ng date and application number of said application	
267000	Out In	
(Date)	(Signature)	
State of		
County of Anoka )		
Daly, to me personally known as the individual who executed the for the same was executed by him/her of his/her own free will for the purpose.	coses therein set forth.	
(Notary Public)	ANDREA J PAHAN	
	LCCC ANNIESOTA	
x *Total of 6 forms are submitted.	My Commission Expires Jan. 31, 2019 (1)	