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Form PTO-1595 (Rev. 03-11) OMB No. 0651-0027 (exp. 03/31/2015)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office	
RECORDATION FOR		
PATENTS ONLY		
To the Director of the U.S. Patent and Trademark Office: Please	record the attached documents or the new address(es) below.	
1. Name of conveying party(les): Peter Nidholas Braido (06/26/2013) and Jacob John Daly (06/26/2013) Additional name(s) of conveying party(les) attached?	2. Name and address of receiving party(les)     Name:SL_Jude Medical, Cardiology Division, Inc Internal Address: Street Address;	
3. Nature of conveyance/Execution Date(s):		
Execution Date(s): in parentheses after Inventor name	177 East County Road B	
Security Agreement Joint Research Agreement	City: St. Paul	
Government Interest Assignment	State: Minnesota	
Executive Order 9424, Confirmatory License	Country: United States of America Zip: 55117 Additional name(s) & address(es) Yes X No attached?	
A. Patent Application No.(s) :13/787,019 Additional numbers attached?	B. Patent No.(s)	
<ol><li>Name and address to whom correspondence concerning document should be mailed:</li></ol>	6. Total number of applications and 1	
Name: Peter D. Sleman LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP Internal Address: Atty. Dkt.:	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
Street Address: 600 South Avenue West	Authorized to be charged to deposit account     Enclosed     None required (government interest not affecting title)	
City: Westfield	8. Payment Information	
State: NJ Zlp: 07090		
Phone Number: 908-654-5000		
Fax Number: 908-654-7866	Deposit Account Number 12-1095	
Email Address: mcormier@idlkm.com	Authorized User Name Peter D. Sleman	
9. Signature;		
/Peter D. Sleman/ N~~	July 9, 2013	
Signature	Date	
Peter D. Sleman - 66,401 Name of Person Signing	Total number of pages including cover 3	

## LDLKM

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ASSIGNMENT OF UTILITY APPLICATION	STJUDE 3.0-217 (CD-620)
Whereas, I. Peter Nicholas Braido	
21460 Heidelberg St. NE; Wyoming, Minnesota 55092	
hereafter referred to as assignor, have with others invented certain	new and useful improvements in
VALVE HOLDER AND LOADING INTEGRATION	
X for which an application for a United States Latters Pa	atent was filed on <u>March 6, 2013</u>
Application Number 13/787,019	
for which an application for a United States Letters Pat and	ent was executed by me on
Whereas, St. Jude Medical, Cardiology Division, Inc.	Summarian W
a corporation of Delaware herein referred to as "assignee" whose r	nailing address is
177 East County Road B; St. Paul, Minnesota 55117 is desirous of acquiring the entire right, title and interest in the same	B.
NOW, THEREFORE, in consideration of the sum of <u>one</u> is acknowledged, and other good and valuable consideration, I is assignee my jentire right, title and interest for the United States invention and the aforesald utility patent application and all o substitute or release applications and patents applied for or gran other countries, for said invention, including without limitation all priority or benefit of the aforesald utility application pursuant to an priority or benefit and the Commissioner of Patents and Trademe patents on said improvements or resulting therefrom to said assign and the undersigned for me and my legal representatives, heirs further remunipration, to execute and deliver all original, division Letters Patent on said improvements and all assignments thereo said assignee or its representatives all facts known to the und requested, to itsetify in any interferences or other legal represent assignee, its successore, assigns and nominees to obtain patent expenses incident to said applications to be borne and paid by seld 1, as assigner hereby assign to said assignee all of my right, title No <u>61/713.213</u> , filed <u>October 12, 2012</u> , and in the invention discin right to claim priority or benefit of said Application No. <u>61/713.213</u> world.	and interest in United States Provisional Application sold applications in United States of America and all applications and patents for said Invention claiming by law or treaty, and including the right to claim such arks is hereby authorized and requested to issue all nee herein, as assignee of the entire interest therein; and assigns do hereby agree and covenant without hal, continuation, relissue and other applications for f to said assignee or its assigne, to communicate to dersigned respecting said improvements, whenever gs in which any of said applications or patents may ha, and to do generally everything necessary to ald protection for said improvements in all countries, the lassignee.
And I do hereby authorize my attorneys to insert on this deed the when known.	filing date and application number of said application
26.5+2013	his he the
$\frac{26.5m+2013}{(Date)}$	(Signature)
State of ITINGEOTO ) SS:	
County of	
On this and day of 1000	me personally came the above-named Peter
Nicholas Braido, to me personally known as the individual who e to me that the same was executed by tim/ber of his/her own free y	xecuted the foregoing instrument, who acknowledged /ill for the nurnoses therein set forth
to me that the sementary accurate and the sementary during the sementary of the sementary o	ANDREA J PAHAN
(Notary Rublic)	NOTARY PUBLIC
x "Total of 2 forms are submilled.	My Commission Expires Jan. 31, 2015 530/

PATENT REEL: 030802 FRAME: 0864 .

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tomer PT0/38/ Docket Number (Opt		
ASSIGNMENT OF UTILITY APPLICATION	STJUDE 3.0-217 (CD-620)	
Whereas, I, Jacob John Daly	of	
12472 Fergus Ct. NE; Blaine, Minnesola 55449		
hereafter referred to as assignor, have with others invented certain n VALVE HOLDER AND LOADING INTEGRATION	ew and userul improvements in	
X for which an application for a United States Letters Pat	ent was filed on March 6, 2013	
Application Number 13/787,019		
for which an application for a United States Letters Pale and	nt was executed by me on,	
Whereas, <u>St. Jude Medical, Cardiology Division, Inc.</u> a corporation of <u>Delaware</u> herein referred to as "assignee" whose m	allina address is	
177 East County Road B; St. Paul, Minnesota 55117		
Is desirous of acquiring the entire right, title and interest in the same;		
invention and the aforesaid utility patent application and all ori substitute or reissue applications and patents applied for or grante other countries, for said invention, including without limitation all a priority or benefit of the aforesaid utility application pursuant to any priority or benefit and the Commissioner of Patents and Trademan patents on said improvements or resulting therefrom to said essign and the undersigned for me and my legal representatives, heirs a further remuneration, to execute and deliver all original, divisions Letters Petenti on said improvements and all assignments thereof said assigned or its representatives all facts known to the under requested, to testify in any interferences or other legal proceeding bacoms involved, to sign all lawful papers, make all rightful oath assignee, its successors, assigns and nominees to obtain patent p expenses incident to said applications to be borne and paid by said is	ad therefor in the United States of America and all applications and patents for said invention claiming haw or treaty, and including the right to claim such its is hereby authorized and requested to issue all eacherein, as assignee of the antire interest therein; nd assigns do hereby agree and covenant without al, continuation, release and other applications for to said assignee or its assigns, to communicate to arsigned respecting said improvements, whenever is in which any of said applications or patents may a and to do generally everything necessary to ald rotection for said improvements in all countries, the	
I, as assignor, hereby assign to said assignee all of my right, title i		
No., <u>61/713,213</u> , filed <u>October 12, 2012</u> , and in the invention disclosing to claim priority or banefit of said Application No. <u>61/713,213</u> world.	and interest in United States Provisional Application sed therato in all countries of the world including the	
right to claim priority or banefit of said Application No. <u>61/713.213</u> world. And i do hareby authorize my attorneys to insert on this deed the fi	and interest in United States Provisional Application sed thereto in all countries of the world including the pursuant to any law or treaty in the countries of the	
right to claim priority or banafit of said Application No. <u>61/713.213</u> world. And I do hereby authorize my attorneys to insert on this deed the fi when known.	and interest in United States Provisional Application sed thereto in all countries of the world including the pursuant to any law or treaty in the countries of the	
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right to claim priority or benefit of said Application No. <u>61/713.213</u> world. And I do hereby authorize my attorneys to insert on this deed the fi when known. <u>2630 N 13</u> (Date)	and interest in United States Provisional Application sed thereto in all countries of the world including the pursuant to any law or treaty in the countries of the ling date and application number of said application	
right to claim priority or benefit of said Application No. <u>61/713.213</u> world. And I do hereby authorize my attorneys to insert on this deed the fl when known. <u>2650013</u> (Date) State of <u>Date</u> ) SS: County of <u>Ph/0600</u> ) SS: County of <u>Ph/0600</u> )	and interest in United States Provisional Application sed thereto in all countries of the world including the pursuant to any law or treaty in the countries of the ling date and application number of said application (Signature) personally came the above-named <u>Jacob John</u> foregoing instrument, who acknowledged to me that proses therein set forth.	
right to claim priority or banefit of said Application No. <u>61/713.213</u> world. And I do hereby authorize my attorneys to insert on this deed the fil when known. <u>263003</u> (Date) State of <u>(Date)</u> ) SS: County of <u>(Date)</u> ) SS: County of <u>(Date)</u> ) SS: County of <u>(Date)</u> ) SS: On this day of <u>(Date)</u> ) SS: On this day of <u>(Date)</u> ) SS: Daty, to me personally known se the individual wholesecuted the to the same was executed by him/her of <i>its/battory</i> will for the pu	and interest in United States Provisional Application sed thereto in all countries of the world including the pursuant to any law or treaty in the countries of the ling date and application number of said application (Signature) personally came the above-named <u>Jacob John</u> foregoing instrument, who acknowledged to me that proses therein set forth.	