

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3345081

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HUISUN WANG	12/08/2011
VALERIE J. GLAZIER	08/23/2011
ALEX GRAFOV	12/06/2011
RECEIVING PARTY DATA	
Name:	ST. JUDE MEDICAL, INC.
Street Address:	ONE ST. JUDE MEDICAL DRIVE
City:	ST. PAUL
State/Country:	MINNESOTA
Postal Code:	55117
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13180720
CORRESPONDENCE DATA	
Fax Number:	(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>	
Phone:	(908) 518-6356
Email:	Assignment@ldlkm.com
Correspondent Name:	LDLK&M
Address Line 1:	600 SOUTH AVENUE WEST
Address Line 4:	WESTFIELD, NEW JERSEY 07090
ATTORNEY DOCKET NUMBER:	STJUDE 3.0-114
NAME OF SUBMITTER:	JOSEPH H. KARLIN
SIGNATURE:	/Joseph H. Karlin/
DATE SIGNED:	05/08/2015
Total Attachments: 3	
source=STJUDE 3.0-114 (696) Executed Assignment#page1.tif	
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ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

STJUDE 3.0-114

Whereas, I, Huisun Wang of6275 Fernbrook Lane North, Maple Grove, Minnesota 55311

hereafter referred to as assignor, have with others invented certain new and useful improvements in

RETAINERS FOR TRANSCATHETER HEART VALVE DELIVERY SYSTEMS☒ for which an application for a United States Letters Patent was filed on July 12, 2011Application Number 13/180,720☐ for which an application for a United States Letters Patent was executed by me on _____
andWhereas, St. Jude Medical, Inc.
a corporation of _____ herein referred to as "assignee" whose mailing address isOne St. Jude Medical Drive, St. Paul, Minnesota 55117-9983

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.

I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. 61/364,453, filed July 15, 2010, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. 61/364,453 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.

DEC 8, 2011

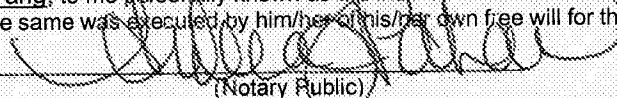
(Date)



(Signature)

State of Minnesota) ss:County of Anoka)

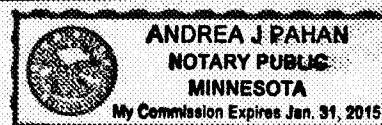
On this 8th day of December, 2011 before me personally came the above-named Huisun Wang, to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same was executed by him/her of his/her own free will for the purposes therein set forth.



(Notary Public)

☒ *Total of 3 forms are submitted.

LD-530/

**PATENT****REEL: 035595 FRAME: 0050**

ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

STJUDE 3.0-114

Whereas, I, Valerie J. Glazier of
12599 Sandy Point Road; Eden Prairie, Minnesota 55347

hereafter referred to as assignor, have with others invented certain new and useful improvements in

RETAINERS FOR TRANSCATHETER HEART VALVE DELIVERY SYSTEMS

☒ for which an application for a United States Letters Patent was filed on July 12, 2011

Application Number 13/180,720

☐ for which an application for a United States Letters Patent was executed by me on _____,
 and

Whereas, St. Jude Medical, Inc.
 a corporation of _____ herein referred to as "assignee" whose mailing address is

One St. Jude Medical Drive; St. Paul, Minnesota 55117-9983

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.

I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. 61/364,453, filed July 15, 2010, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. 61/364,453 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.

23 Aug 2011
 (Date)

Valerie J. Glazier
 (Signature)

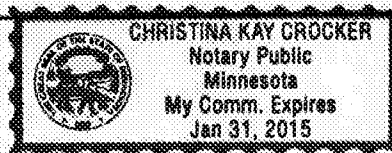
State of Minnesota) SS:
 County of Hennepin)

On this 23rd day of August, 2011 before me personally came the above-named Valerie J. Glazier, 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.

[Signature]
 (Notary Public)

☒ *Total of 3 forms are submitted.

LD-530/

**PATENT****REEL: 035595 FRAME: 0051**

ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

STJUDE 3.0-114

Whereas, I, Alex Grafov of
11336 Stratton Ave.; Eden Prairie, Minnesota 55344

hereafter referred to as assignor, have with others invented certain new and useful improvements in

RETAINERS FOR TRANSCATHETER HEART VALVE DELIVERY SYSTEMS

☒ for which an application for a United States Letters Patent was filed on July 12, 2011

Application Number 13/180,720

☐ for which an application for a United States Letters Patent was executed by me on _____,
 and

Whereas, St. Jude Medical, Inc.
 a corporation of _____ herein referred to as "assignee" whose mailing address is
One St. Jude Medical Drive; St. Paul, Minnesota 55117-9983

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.

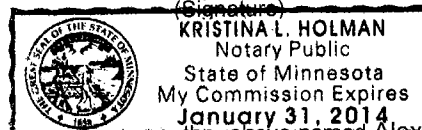
I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. 61/364,453, filed July 15, 2010, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. 61/364,453 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.

6 December 2011
 (Date)

Alex Grafov
 (Signature)

State of Minnesota) SS:
 County of Hennepin)



On this 6th day of December, 2011 before me personally came the above named Alex Grafov, 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.

[Signature]
 (Notary Public)