

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 FORM COVER SHEET

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(ies):

Huisun Wang (12/08/2011), Daniel J. Klima
(08/30/2011), Ralph Joseph Thomas
(08/30/2011), and Gary W. Geiger (08/30/2011)

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: St. Jude Medical, Inc.

Internal Address: _____

Street Address: _____

One St. Jude Medical Drive

City: St. Paul

State: Minnesota

Country: United States of America Zip: 55117-9983

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

☒ Assignment ☐ Merger ☐ Change of Name

☐ Security Agreement ☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other: _____

4. Application or patent number(s):

A. Patent Application No.(s)

13/211,486

☐ This document is being filed together with a new application.

E. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Robert B. Cohen
LERNER, DAVID, LITTEMBERG,
KRUMHOLZ & MENTLIK, LLP

Internal Address: Atty. Dkt.: STJUDE 3.0-113

Street Address: 600 South Avenue West

City: Westfield

State: NJ Zip: 07090

Phone Number: 908-654-5000

Fax Number: 908-654-7866

Email Address: mccormier@ldlkn.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

☐ Authorized to be charged to deposit account

☐ Enclosed

☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 12-1095

Authorized User Name Robert B. Cohen

9. Signature:



Signature

Robert B. Cohen - 12,768

Name of Person Signing

September 20, 2013

Date

Total number of pages including cover sheet, attachments, and documents:

5

former PTO/SB/15 (5-00) Modified LDLK&M

ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

STJUDE 3.0-113

Whereas, I, Hulsun Wang of
6275 Fernbrook Lane North; Maple Grove Minnesota 55311

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

DELIVERY SYSTEM FOR COLLAP SIBLE HEART VALVE

☒ for which an application for a United States Letters Patent was filed on August 17, 2011

Application Number 13/211,486

☐ 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 55117-9985

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. 61/374,458, filed August 17, 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. 61/374,458 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]

(Signature)

State of Minnesota) ss:

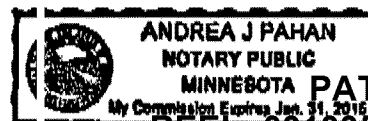
County of Anoka)

On this 8th day of December, 2011 before me personally came the above-named Hulsun 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.

[Signature]
 (Notary Public)

☒ *Total of 4 forms are submitted.

LD-530/



REEL: 051533 FRAME: 0810

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

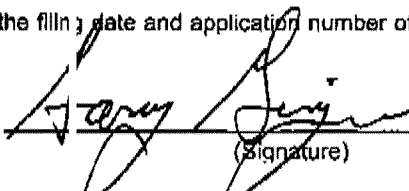
ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) STJUDE 3.0-113
<p>Whereas, I, <u>Ralph Joseph Thomas</u> of <u>7616 113 1/2 Ave N; Champlin, Minnesota 55316</u></p> <p>hereafter referred to as assignor, have with others invented certain new and useful improvements in <u>DELIVERY SYSTEM FOR COLLAPSIBLE HEART VALVE</u></p> <p><input checked="" type="checkbox"/> for which an application for a United States Letters Patent was filed on <u>August 17, 2011</u></p> <p>Application Number <u>13/211,488</u></p> <p><input type="checkbox"/> for which an application for a United States Letters Patent was executed by me on _____ and _____</p>	
<p>Whereas, <u>St. Jude Medical, Inc.</u> a corporation of _____ herein referred to as "assignee" whose mailing address is <u>One St. Jude Medical Drive; St. Paul, Minnesota 55117-9981</u></p> <p>is desirous of acquiring the entire right, title and interest in the same;</p> <p>NOW, THEREFORE, in consideration of the sum of <u>one</u> dollars (\$ <u>1.00</u>), 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.</p> <p>I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. <u>61/374,458</u>, filed <u>August 17, 2010</u>, and in the invention disclosed therein in all countries of the world including the right to claim priority or benefit of said Application No. <u>61/374,458</u> pursuant to any law or treaty in the countries of the world.</p> <p>And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.</p> <p style="text-align: center;"> <u>30 Aug 2011</u> (Date) <u>[Signature]</u> (Signature) </p> <p>State of <u>Minnesota</u>) SS: County of <u>Champlin</u>)</p> <p>On this <u>30th</u> day of <u>August</u>, <u>2011</u> before me personally came the above-named <u>Ralph Joseph Thomas</u>, 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.</p> <p style="text-align: center;"> <u>[Signature]</u> (Notary Public) </p>	
<input checked="" type="checkbox"/> *Total of <u>4</u> forms are submitted.	

LD-530/



REEL: 051335 FRAME: 0812

former PTO/SB/15 (6-00) Modified LDLK&M

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) STJUDE 3.0-113
<p>Whereas, I, <u>Gary W. Geiger</u> of <u>15720 Rockford Road #201; Plymouth, Minnesota 55446</u></p> <p>hereafter referred to as assignor, have with others invented certain new and useful improvements in <u>DELIVERY SYSTEM FOR COLLAPSIBLE HEART VALVE</u></p> <p><input checked="" type="checkbox"/> for which an application for a United States Letters Patent was filed on <u>August 17, 2011</u></p> <p>Application Number <u>13/214,486</u></p> <p><input type="checkbox"/> for which an application for a United States Letters Patent was executed by me on _____, and _____</p> <p>Whereas, <u>St. Jude Medical, Inc.</u> a corporation of _____ herein referred to as "assignee" whose mailing address is <u>One St. Jude Medical Drive; St. Paul, Minnesota 55117-9981</u> is desirous of acquiring the entire right, title and interest in the same;</p> <p>NOW, THEREFORE, in consideration of the sum of <u>one</u> dollars (\$ <u>1.00</u>), 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.</p> <p>I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. <u>61/374,458</u>, filed <u>August 17, 2010</u>, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. <u>61/374,458</u> pursuant to any law or treaty in the countries of the world.</p> <p>And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.</p> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;"> <u>8/30/2011</u> (Date) </div> <div style="text-align: center;">  (Signature) </div> </div> <p>State of <u>Minnesota</u>) SS: County of <u>Hennepin</u>)</p> <p>On this <u>30th</u> day of <u>August</u>, <u>2011</u> before me personally came the above-named <u>Gary W. Geiger</u>, 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.</p> <p style="text-align: center;">_____ (Notary Public)</p>	
<input checked="" type="checkbox"/> *Total of <u>4</u> forms are submitted.	
LD-530/	

