504438370 06/29/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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EPAS ID: PAT4485072

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRETT A. HILLUKKA	04/17/2017
VARUN BANSAL	04/17/2017
EVAN M. LEINGANG	05/31/2017
RICHARD A. THOMPSON II	05/31/2017

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:	29599891

CORRESPONDENCE DATA

Fax Number: (651)756-2808

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: 6517562000
Email: evogt@sjm.com
Correspondent Name: JAMES G. RODGERS

Address Line 1: ST. JUDE MEDICAL, CD, INC.
Address Line 2: 177 EAST COUNTY ROAD B

Address Line 2: 177 EAST COUNTY ROAD B
Address Line 4: ST. PAUL, MINNESOTA 55117

ATTORNEY DOCKET NUMBER: CD-1140US04

NAME OF SUBMITTER: EMILY A. VOGT

SIGNATURE: /Emily A. Vogt/

DATE SIGNED: 06/29/2017

Total Attachments: 8

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PATENT 504438370 REEL: 043052 FRAME: 0241



PATENT REEL: 043052 FRAME: 0242

ASSIGNMENT

WHEREAS, WE, Brett A. Hillukka of 179 Jandel Avenue N.E., Hanover, Minnesota 55341, Varun Bansal of 6120 Quinwood Lane, Apt 2212, Plymouth, Minnesota 55442, Evan M. Leingang of 3885 Comstock Lane North, Plymouth, Minnesota 55446, and Richard A. Thompson, Il of 3707 Glenhurst Ave., St. Louis Park, Minnesota 55416, hereinafter ASSIGNORS, have invented certain new and useful improvements in Catheter Handle, for which United States design patent application number 29/599,891 was filed on 07 April 2017;

AND WHEREAS St. Jude Medical, Cardiology Division, Inc., a corporation organized and existing under the laws of the State of Delaware, and having a business address at 177 East County Road B, St. Paul, St. Paul, MN 55117, hereinafter ASSIGNEE, is desirous of acquiring the entire right, title, and interest in, to, and under said invention, said application, and any and all patents to be obtained therefore throughout the world;

NOW, THEREFORE, for and in consideration of good and valuable consideration to us in hand paid by ASSIGNEB, the receipt of which is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do hereby sell, assign, and transfer unto ASSIGNEE, its successors and assigns, our entire right, title, and interest in and to said invention, said application, all divisions, continuations, continuations-in-part, reissues, or renewals thereof, and said patents, both foreign and domestic, that may or shall issue, including all of our entire rights under any and all international conventions;

AND WE HEREBY authorize ASSIGNEE, its successors and assigns, or anyone it may properly designate, to apply for patents, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and otherwise take advantage of the provisions of any and all international conventions:

AND WE HEREBY authorize and request any official of any State whose duty consists of issuing patents, or other evidence or forms of any industrial property protection on any aforesaid application, to issue same to ASSIGNEE, its successors and assigns, in accordance herewith:

AND WE HEREBY covenant and agree with ASSIGNEE, its successors and assigns, that we have the full right to convey the entire interest assigned herein, and that we have not executed, and will not execute, any agreement in conflict herewith, and that we will not do any other act whatsoever conflicting with these presents, and that we or our successors, assigns, executors, or administrators will at any time upon request, without further or additional consideration, but at the expense of ASSIGNEE, its successors and assigns, communicate to ASSIGNEE, its successors and assigns, any facts known to ASSIGNORS respecting said invention, and testify in any legal proceedings, sign any lawful papers, execute any original, divisional, continuation, and continuation-in-part applications, make any rightful oaths or declarations, and generally do such additional acts as ASSIGNEE, its successors and assigns, may deem necessary or desirable to obtain and enforce proper protection for said invention throughout the world;

Assignors' Initials
1016/198//
BAH VH EML RAT

PATENT REEL: 043052 FRAME: 0243 AND WE HEREBY FURTHER covenant and agree that this Assignment is effective as of 07 April 2017.

IN TESTIMONY WHEREOF, ASSIGNORS hereunto set their hands on the under-mentioned day and year, and deliver this Assignment.

Date:	194p-2012	Dren A. Hilloikka
Date:	Áþall, 200	Varon Bansal
Date:		Evan M. Leingaog
Date:		Richard A. Thompson, II

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Brett A. Hillukka, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing assignment and acknowledged to me that he executed the same in his authorized capacity and acknowledged that execution of the same was a free will act and deed.

HIP 2017 Hangin Pymauth MN
Date) (County/City/State)

131/2020 ALULE KULDY Commission Expiry Date) (Notary Public: Signature and Name)

Ageignors' Initials MM / VS / / / BAR VB EMIL RAT

personally appeared Varun evidence to be the person w acknowledged to me that he	ME, a Notary Public in and for the under-n Bansal, who proved to me on the basis of a hose name is subscribed to the foregoing a executed the same in his authorized capac m of the same was a free will act and deed.	atisfactory ssignment and
<u> </u>	Handin Plymossh Mi (County/City/State)	
1\2\2020 (Commission Expiry Date)	(Notary Public: Signature and Nagle)	

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, ersonally appeared Evan M. Leingang, who proved to me on the basis of satisfactory vidence to be the person whose name is subscribed to the foregoing assignment and cknowledged to me that he executed the same in his authorized capacity and cknowledged that execution of the same was a free will act and deed.		
(Date)	(County/City/State)	SEAL.
(Commission Expiry Date)	(Notary Public: Signature and Nam	 e)

Assignors' Initials

BAY / VR / / / RAT

BAH VB EML RAT

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Richard A. Thompson, II, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing assignment and acknowledged to me that he executed the same in his authorized capacity and acknowledged that execution of the same was a free will act and deed.		
(Date)	(County/City/State)	SEAL
(Commission Expiry Date)	(Notary Public: Signature and Name)	

Assignors' Initials

244/ US / /
BAH VE EML RAT

ASSIGNMENT

WHEREAS, WE, Brett A. Hillukka of 179 Jandel Avenue N.E., Hanover, Minnesota 55341, Varun Bansal of 6120 Quinwood Lane, Apt 2212, Plymouth, Minnesota 55442, Evan M. Leingang of 3885 Comstock Lane North, Plymouth, Minnesota 55446, and Richard A. Thompson, II of 3707 Glenhurst Ave., St. Louis Park, Minnesota 55416, hereinafter ASSIGNORS, have invented certain new and useful improvements in Catheter Handle, for which United States design patent application number 29/599,891 was filed on 07 April 2017;

AND WHEREAS St. Jude Medical, Cardiology Division, Inc., a corporation organized and existing under the laws of the State of Delaware, and having a business address at 177 East County Road B, St. Paul, St. Paul, MN 55117, hereinafter ASSIGNEE, is desirous of acquiring the entire right, title, and interest in, to, and under said invention, said application, and any and all patents to be obtained therefore throughout the world;

NOW, THEREFORE, for and in consideration of good and valuable consideration to us in hand paid by ASSIGNEE, the receipt of which is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do hereby sell, assign, and transfer unto ASSIGNEE, its successors and assigns, our entire right, title, and interest in and to said invention, said application, all divisions, continuations, continuations-in-part, reissues, or renewals thereof, and said patents, both foreign and domestic, that may or shall issue, including all of our entire rights under any and all international conventions;

AND WE HEREBY authorize ASSIGNEE, its successors and assigns, or anyone it may properly designate, to apply for patents, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and otherwise take advantage of the provisions of any and all international conventions;

AND WE HEREBY authorize and request any official of any State whose duty consists of issuing patents, or other evidence or forms of any industrial property protection on any aforesaid application, to issue same to ASSIGNEE, its successors and assigns, in accordance herewith;

AND WE HEREBY covenant and agree with ASSIGNEE, its successors and assigns, that we have the full right to convey the entire interest assigned herein, and that we have not executed, and will not execute, any agreement in conflict herewith, and that we will not do any other act whatsoever conflicting with these presents, and that we or our successors, assigns, executors, or administrators will at any time upon request, without further or additional consideration, but at the expense of ASSIGNEE, its successors and assigns, communicate to ASSIGNEE, its successors and assigns, any facts known to ASSIGNORS respecting said invention, and testify in any legal proceedings, sign any lawful papers, execute any original, divisional, continuation, and continuation-in-part applications, make any rightful oaths or declarations, and generally do such additional acts as ASSIGNEE, its successors and assigns, may deem necessary or desirable to obtain and enforce proper protection for said invention throughout the world;

Assignors' Initials
/
BAH VB EML RAT

AND WE HEREBY FURTHER covenant and agree that this Assignment is effective as of 07 April 2017.

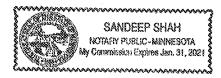
IN TESTIMONY WHEREOF, ASSIGNORS hereunto set their hands on the under-mentioned day and year, and deliver this Assignment.

Brett A. Hillukka

Date:		
	Varun Bansal	
Date: 5/31/2017	Evan M. Leingang	
Date: 5/31/2017	Richard A. Thempson, II	
personally appeared Brett A. evidence to be the person whacknowledged to me that he acknowledged that execution	ME, a Notary Public in and for the under-in. Hillukka, who proved to me on the basis mose name is subscribed to the foregoing a executed the same in his authorized capacity of the same was a free will act and deed.	of satisfactory assignment and city and
personally appeared Brett A. evidence to be the person whacknowledged to me that he	. Hillukka, who proved to me on the basis nose name is subscribed to the foregoing a executed the same in his authorized capac	of satisfactory assignment and city and
personally appeared Brett A. evidence to be the person whacknowledged to me that he acknowledged that execution	. Hillukka, who proved to me on the basis nose name is subscribed to the foregoing a executed the same in his authorized capach of the same was a free will act and deed.	of satisfactory assignment and city and

Assignors' Initials

personally appeared Varun E evidence to be the person wh acknowledged to me that he	AE, a Notary Public in and for the under-mentioned place, ansal, who proved to me on the basis of satisfactory ose name is subscribed to the foregoing assignment and executed the same in his authorized capacity and of the same was a free will act and deed.
(Date)	(County/City/State)
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(Commission Expiry Date)	(Notary Public: Signature and Name)
h.	AE, a Notary Public in and for the under-mentioned place,
evidence to be the person whacknowledged to me that he	Leingang, who proved to me on the basis of satisfactory lose name is subscribed to the foregoing assignment and executed the same in his authorized capacity and of the same was a free will act and deed.
May 315+ 2017 (Date)	Henneph, Minneupolis, Minnesota (County/City/State)
Jul 3 S 202 (Commission Expiry Date)	SEAL SEAL SEAL SEAL (Notary Public: Signature and Name)



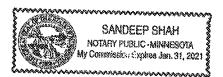
TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Richard A. Thompson, II, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing assignment and acknowledged to me that he executed the same in his authorized capacity and acknowledged that execution of the same was a free will act and deed.

May 30+ 2027

Henrevin, Minnelypolis, Minnesota (County/City/State)

VM-3|St, 2021 (Commission Expiry Date)

(Notary Public: Signature and Name)



Assignors' Initials CML RAT

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