PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3291987

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARY C HOOKE	03/20/2015
TERESA HERRIAGE	03/21/2015

RECEIVING PARTY DATA

Name:	REGENTS OF THE UNIVERSITY OF MINNESOTA	
Street Address:	600 MCNAMARA ALUMNI CENTER	
Internal Address:	200 OAK STREET SE	
City:	MINNEAPOLIS	
State/Country:	MINNESOTA	
Postal Code:	55455-2020	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14472894

CORRESPONDENCE DATA

Fax Number: (612)349-9266

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: 612.349.5740

Email: RABE@PTSLAW.COM
Correspondent Name: AMY M. SALMELA

Address Line 1: 80 SOUTH 8TH STREET

Address Line 2: 4800 IDS CENTER

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	1008.29US02
NAME OF SUBMITTER:	AUBRE RABE
SIGNATURE:	/AUBRE RABE/
DATE SIGNED:	04/01/2015

Total Attachments: 6

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PATENT 503245369 REEL: 035307 FRAME: 0161

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PATENT REEL: 035307 FRAME: 0162



University of Minnesota <u>ASSIGNMENT</u>

WHEREAS, I, Teresa Herriage, have invented certain new and useful improvements in INTRAVENOUS LINE LIFTER DEVICES, SYSTEMS AND METHODS, for which applications for Letters Patents of the United States have been made, said applications being filed as follows: Utility application no. 14/472,894 on August 29, 2014 (collectively, the "Applications");

Whereas, REGENTS OF THE UNIVERSITY OF MINNESOTA ("Assignee"), having offices at 600 McNamara Alumni Center, 200 Oak Street SE, Minneapolis, Minnesota 55455-2020, is desirous of documenting the acquisition of the entire right, title and interest in and to said invention, said Applications and in, to and under any and all Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if I have already done so via a prior agreement with the Assignee then in confirmation of said prior agreement, I have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto Assignee, its successors and assigns, the entire right, title and interest in and to the inventions set forth hereinabove and the entire right, title and interest in and to any and all Letters Patent of the United States and any foreign countries which may be granted therefor on the Applications including my rights under the International Convention for the Protection of Industrial Property, and in and to any and all extensions, divisions, continuations, continuations-in-part or reissues of said Applications and Letters Patent that may be granted, including all rights to claim priority therefrom, and specifically including the right to enforce such Letters Patent in the name of Assignee and to recover damages for past infringement of the rights conveyed herein, the same to be held and enjoyed by Assignee for its own use and benefit and use and benefit of its successors and assigns to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

I hereby authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of any the Applications and/or otherwise take advantage of the provisions of the International Convention.

1008.29US02 20130136 Upon said consideration I do hereby covenant and agree with said Assignee, its successors and assigns, that I will not execute in writing or do any act whatsoever conflicting with these presents, and that I or my executors or administrators will at any time upon request, without further or additional consideration, but at the expense of said Assignee, its successors and assigns, execute such additional writings and do such additional acts as said Assignee, its successors and assigns, may deem necessary for desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissues or extended Letters Patent of the United States, or of any and all foreign countries on said invention, and in enforcing any rights occurring as a result of such application or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Assignee in accordance with this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand on this day of, 2015.
Teresa Herriage
STATE OF <u>Minnesota</u>) COUNTY OF <u>Heunepin</u>)
COUNTY OF MEUNEPIN)
On this 2 day of March, 2015, before me personally appeared feves a Hevvi ase, to me known to be the person described in and who executed the foregoing instrument and acknowledged that s/he executed the same as his/her free act and deed.
IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seed of

IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.

Notary Public

BRIAN ALCAIDE
NOTARY PUBLIC-MINNESOTA
My Commission Expires Jan. 31, 2018

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Paul B. Savereide Senior Associate General Counsel per Presidential Delegation DA_070027 STATE OF Municipal (STATE OF Many) COUNTY OF May of	Paul B. Savereide Senior Associate General Counsel per Presidential Delegation DA_070027 STATE OF Municipal COUNTY OF May of Ma	IN WITNESS WHEREOF, I have hereunto saccepting this assignment.	et my hand on this 26 that day of Regents of the University of Minnesota
COUNTY OF Hunest (COUNTY OF Hunest) On this Hard May of Moral (County Of Hunest), 2015, before me personally appeared instrument and acknowledged that s/he executed the same as his/her free act and deed. IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of	COUNTY OF Homes (COUNTY OF Homes) COUNTY OF Homes (COUNTY OF HOME) COUNTY OF HOMES (COUNTY OF HOMES) COUNTY OF HOMES (COU		Paul B. Savereide Senior Associate General Counsel
Jugmen of your	Notar√Public // //\	COUNTY OF Luneph On this Lathday of Mound instrument and acknowledged that s/he executed the s IN WITNESS WHEREOF, I have hereunto a	, 2015, before me personally appeared described in and who executed the foregoing ame as his/her free act and deed.



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University of Minnesota ASSIGNMENT

WHEREAS, I, Mary C. Hooke, have invented certain new and useful improvements in INTRAVENOUS LINE LIFTER DEVICES, SYSTEMS AND METHODS, for which applications for Letters Patents of the United States have been made, said applications being filed as follows: Utility application no. 14/472,894 on August 29, 2014 (collectively, the "Applications");

Whereas, REGENTS OF THE UNIVERSITY OF MINNESOTA ("Assignee"), having offices at 600 McNamara Alumni Center, 200 Oak Street SE, Minneapolis, Minnesota 55455-2020, is desirous of documenting the acquisition of the entire right, title and interest in and to said invention, said Applications and in, to and under any and all Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if I have already done so via a prior agreement with the Assignee then in confirmation of said prior agreement, I have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto Assignee, its successors and assigns, the entire right, title and interest in and to the inventions set forth hereinabove and the entire right, title and interest in and to any and all Letters Patent of the United States and any foreign countries which may be granted therefor on the Applications including my rights under the International Convention for the Protection of Industrial Property, and in and to any and all extensions, divisions, continuations, continuations-in-part or reissues of said Applications and Letters Patent that may be granted, including all rights to claim priority therefrom, and specifically including the right to enforce such Letters Patent in the name of Assignee and to recover damages for past infringement of the rights conveyed herein, the same to be held and enjoyed by Assignee for its own use and benefit and use and benefit of its successors and assigns to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

I hereby authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of any the Applications and/or otherwise take advantage of the provisions of the International Convention.

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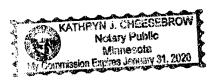
Upon said consideration I do hereby covenant and agree with said Assignee, its successors and assigns, that I will not execute in writing or do any act whatsoever conflicting with these presents, and that I or my executors or administrators will at any time upon request, without further or additional consideration, but at the expense of said Assignee, its successors and assigns, execute such additional writings and do such additional acts as said Assignee, its successors and assigns, may deem necessary for desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissues or extended Letters Patent of the United States, or of any and all foreign countries on said invention, and in enforcing any rights occurring as a result of such application or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Assignee in accordance with this instrument.

IN WITNESS WHEREOF I have hereunto set my hand on this

March, 2015.
Mary C. Hooke
STATE OF Minnesota)
COUNTY OF Herrison
On this 20 day of March, 2015, before me personally appeared 2015, before me personally appeared instrument and acknowledged that s/he executed the same as his/her free act and deed.
IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of

Hally Cherre brown



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my office, the day and year above written.

IN WITNESS WHEREOF, I have hereunto set my hand on this , 2015 on behalf of Assignee Regents of the University of Minnesota accepting this assignment. REGENTS OF THE UNIVERSITY OF MINNESOTA Senior Associate General Counsel per Presidential Delegation DA_070027 STATE OF Munesota COUNTY OF Hennepin ___, 2015, before me personally appeared_ me known to be the person described in and who executed the foregoing instrument and acknowledged that s/he executed the same as his/her free act and deed. IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written. LYNNETTE J. NYGREN NOTARY PUBLIC - MINNESOTA

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PATENT REEL: 035307 FRAME: 0168

My Commission Expires January 31, 2020