

<b>PATENT ASSIGNMENT COVER SHEET</b>
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EPAS ID: PAT5231234

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ROBERT JOHN ANDERSON	11/09/2018
ERIC MICHAEL DINGES	11/09/2018
HAN JUN KIM	11/09/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BLOODWORKS LLC
<b>Street Address:</b>	3936 E. FRONTAGE RD.
<b>Internal Address:</b>	HWY 52 N, #340
<b>City:</b>	ROCHESTER
<b>State/Country:</b>	MINNESOTA
<b>Postal Code:</b>	55901
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16185959
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(515)288-1338
<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>	
<b>Phone:</b>	5152883667
<b>Email:</b>	patatty@ipmvs.com
<b>Correspondent Name:</b>	MCKEE, VOORHEES & SEASE, P.L.C.
<b>Address Line 1:</b>	801 GRAND AVENUE
<b>Address Line 2:</b>	SUITE 3200
<b>Address Line 4:</b>	DES MOINES, IOWA 50309-2721
<b>ATTORNEY DOCKET NUMBER:</b>	P12438US01
<b>NAME OF SUBMITTER:</b>	MARK D. HANSING
<b>SIGNATURE:</b>	/MARK D. HANSING/
<b>DATE SIGNED:</b>	11/09/2018
<b>Total Attachments: 4</b>	
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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to **BloodWorks LLC**, a Minnesota corporation, having an address of 3936 E. Frontage Rd., Hwy 52 N, #340, Rochester, Minnesota 55901, its successors and assigns the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, Serial No. 16/185,959, filed in the United States Patent and Trademark Office on the 9th day of November, 2018, entitled **METHOD AND DEVICE FOR VERIFICATION OF INTRA-LUMINAL PLACEMENT AND PATENCY FOR VASCULAR ACCESS DEVICES** and in said application and any and all other applications for United States Letters Patent, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent, applications, and in any reissue or extension thereof.

The undersigned hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to said **BLOODWORKS LLC, ASSIGNEE**.

For said considerations the undersigned hereby agrees, upon the request, and at the expense of said assignee, its successors and assigns, to execute any and all divisional continuation and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and for the said considerations the undersigned further agrees upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent of the United States and vest all rights therein

hereby conveying in the said assignee, its successors and assigns whereby said Letters Patent will be held and enjoyed by the said assignee, 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 the undersigned if this assignment and sale had not been made.

And for said considerations the undersigned hereby assigns to said assignee, its successors and assigns, the entire right, title and interest in said invention or improvements for any and all foreign countries and agrees upon the request of assignee, its successors and assigns to execute any and all documents that undersigned shall be requested to execute in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to vest title in said foreign applications and patents in assignee.

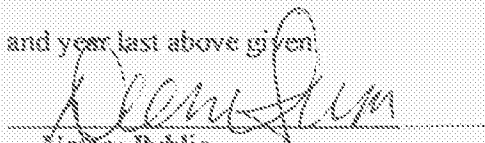
The attorneys of record are hereby authorized to insert the serial number and the filing date in the above blank spaces when received from the Patent Office.

  
Robert John Anderson

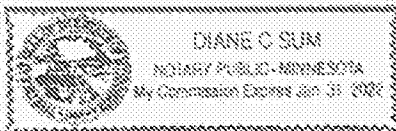
STATE OF Minnesota )  
 ) ss.  
COUNTY OF Duluth )

On this 09 day of November, 2018, before me, a Notary Public in and for the County and State aforesaid, appeared Robert John Anderson, to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.

  
Notary Public

Commission Expires 01/31/2022

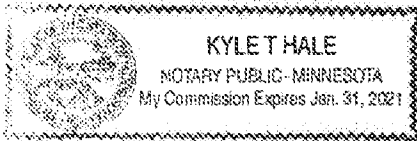


  
Eric Michael Dinges

STATE OF *mn* )  
  ) ss.  
COUNTY OF *Hennepin*

On this 9<sup>th</sup> day of November, 2018, before me, a Notary Public in and for the County and State aforesaid, appeared Eric Michael Dinges, to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.



  
Notary Public

Commission Expires 1/31/2021

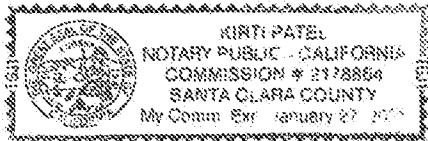


*[Handwritten Signature]*  
\_\_\_\_\_  
Han Jun Kim

STATE OF CALIFORNIA  
  ) ss.  
COUNTY OF Santa Clara.

On this 9<sup>th</sup> day of November, 2018, before me, a Notary Public in and for the County and State aforesaid, appeared Han Jun Kim, to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.



*[Handwritten Signature]*  
\_\_\_\_\_  
Notary Public  
Commission Expires 1/27/2021