

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5558466

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Nathan J. Castro	12/02/2015
Benjamin B. Holmes	12/01/2015
Neal K. Sikka	03/29/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE GEORGE WASHINGTON UNIVERSITY
<b>Street Address:</b>	RICE HALL 2121 I STREET NW
<b>Internal Address:</b>	SUITE 601
<b>City:</b>	WASHINGTON
<b>State/Country:</b>	D.C.
<b>Postal Code:</b>	20052
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16162194
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)769-7945
<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>	+1 (612) 638-5763
<b>Email:</b>	hamm@fr.com, apsi@fr.com
<b>Correspondent Name:</b>	SANGKI PARK
<b>Address Line 1:</b>	FISH & RICHARDSON P.C.
<b>Address Line 2:</b>	P.O.BOX 1022
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022
<b>ATTORNEY DOCKET NUMBER:</b>	45639-0004002
<b>NAME OF SUBMITTER:</b>	LYNDZIE HAMM
<b>SIGNATURE:</b>	/Lyndzie Hamm/
<b>DATE SIGNED:</b>	06/06/2019
<b>Total Attachments: 12</b>	
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## ASSIGNMENT

**THIS ASSIGNMENT**, made on the date set forth below by Nathan J. CASTRO, residing at 2621 Garfield Street Basement, N.W., Washington, DC 20012; Benjamin B. HOLMES, residing at 4201 Illinois Avenue, N.W., Washington, DC 20011; Neal K. SIKKA, residing at 706 Plum, Street, S.W., Vienna, VA 22180; and Richard L. FOGEL, residing at 14410 Turkey Foot Road, North Potomac, MD 20878 (hereinafter referred to as "Assignors");

**WHEREAS**, Assignors have invented certain new and useful improvements in CATHETER PLACEMENT DEVICE set forth in U.S. Application No. 14/885,603, filed October 16, 2015 and U.S. Provisional Application 62/073,103, filed October 31, 2014; and

**WHEREAS**, The George Washington University, a Congressionally Chartered Not-For-Profit Corporation, having its principal place of business at Rice Hall, Suite 601, 2121 I Street, NW, Washington, DC 20052 (hereinafter referred to as "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions in all forms or embodiments thereof and applications for Letters Patent, and in and to any and all direct and indirect national phase applications, divisions, renewals, substitutes, non-provisionals, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations, prolongations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or

130761.00787/101590665 v.1

extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise without charge to Assignee: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any national phase application, division, renewal; substitute, non-provisional, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination, prolongation or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors acknowledge an obligation of assignment of this invention  
to Assignee at the time the invention was made.

Date: 2 Dec. 15

Signature: [Signature]

Name: Nathan J. CASTRO

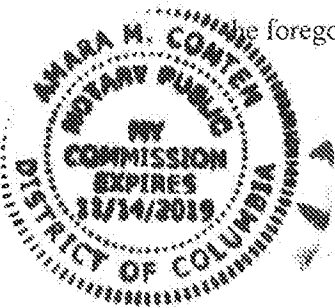
United States of America )

State of \_\_\_\_\_ ) ss.:

County of District of Columbia )

On this 2nd day of December, 2015, before me personally came Nathan  
J. CASTRO to me known to be the individual described in and who executed  
the foregoing instrument, and acknowledged execution of the same.

[Signature]  
Notary Public



District of Columbia: SS  
Subscribed and sworn to before me  
this 2nd day of December, 2015  
[Signature]  
Notary Public, D.C.  
My commission expires 11-14-2019

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: Benjamin B. HOLMES

United States of America )

State of \_\_\_\_\_ ) ss.:

County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2015, before me personally came Benjamin B. HOLMES to me  
known to be the individual described in and who executed the foregoing instrument, and  
acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: Neal K. SIKKA

United States of America

State of \_\_\_\_\_ ) ss.:

County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2015, before me personally came Neal K. SIKKA to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: Richard L. FOGEL

United States of America

State of \_\_\_\_\_ ) ss.:

County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2015, before me personally came Richard L. FOGEL to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

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to Assignee at the time the invention was made.

Date: \_\_\_\_\_ Signature: \_\_\_\_\_

Name: Nathan J. CASTRO

United States of America )

State of \_\_\_\_\_ ) ss.: \_\_\_\_\_

County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2015, before me personally came Nathan  
J. CASTRO to me known to be the individual described in and who executed  
the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

Date: 12/1/15

Signature: [Signature]

Name: Benjamin B. HOLMES

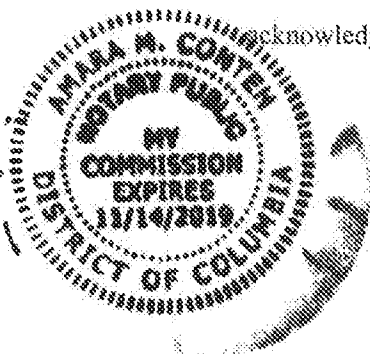
United States of America )

State of \_\_\_\_\_ ) ss.: \_\_\_\_\_

County of District of Columbia )

On this 1st day of December, 2015, before me personally came Benjamin B. HOLMES to me  
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acknowledged execution of the same.

[Signature]  
Notary Public



130761.00787/101590665v.1

District of Columbia: SS  
Subscribed and sworn to before me  
this 1st day of December, 2015  
[Signature]  
Notary Public, D.C.  
My commission expires 11-14-2019

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: Neal K. SIKKA

United States of America

State of \_\_\_\_\_ ) ss.:

County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2015, before me personally came Neal K. SIKKA to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: Richard L. FOGEL

United States of America

State of \_\_\_\_\_ ) ss.:

County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2015, before me personally came Richard L. FOGEL to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

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Notary Public

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to Assignee at the time the invention was made.

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: Nathan J. CASTRO

United States of America )

State of \_\_\_\_\_ ) ss.:

County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2015, before me personally came Nathan  
J. CASTRO to me known to be the individual described in and who executed  
the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: Benjamin B. HOLMES

United States of America )

State of \_\_\_\_\_ ) ss.:

County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2015, before me personally came Benjamin B. HOLMES to me  
known to be the individual described in and who executed the foregoing instrument, and  
acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

District of Columbia: DC  
Subscribed and sworn to before me

this 29<sup>th</sup> day of March, 2016

Amaria M. Carter  
Notary Public, D.C.  
My commission expires \_\_\_\_\_

Attorney Docket No. 130761-00787  
(GWU Docket No. 013-017-Corman-US)

Date: 3/29/16

Signature: Neal K. SIKKA

Name: Neal K. SIKKA

United States of America

State of District of Columbia ) ss.:

County of \_\_\_\_\_

On this 29<sup>th</sup> day of March, 2016, before me personally came Neal K.

SIKKA to me known to be the individual described in and who executed the foregoing  
instrument, and acknowledged execution of the same.

Amaria M. Carter  
Notary Public

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: Richard L. FOGEL

United States of America

State of \_\_\_\_\_ ) ss.:

County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2015, before me personally came Richard L.

FOGEL to me known to be the individual described in and who executed the foregoing  
instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public