

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5458073

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MARK T WYETH	03/01/2019
GREGORY YANTZ	03/25/2019
ROBERT PAUL MCCARTY	03/27/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NXSTAGE MEDICAL INC.
<b>Street Address:</b>	350 MERRIMACK STREET
<b>Internal Address:</b>	7TH FLOOR
<b>City:</b>	LAWRENCE
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01843
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16288562
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	301-337-7153
<b>Email:</b>	hmoore@potomaclaw.com, patents@potomaclaw.com
<b>Correspondent Name:</b>	POTOMAC LAW GROUP, PLLC
<b>Address Line 1:</b>	8229 BOONE BOULEVARD
<b>Address Line 2:</b>	SUITE 430
<b>Address Line 4:</b>	TYSONS CORNER, VIRGINIA 22182
<b>ATTORNEY DOCKET NUMBER:</b>	1453-0161US03
<b>NAME OF SUBMITTER:</b>	HEATHER M. MOORE
<b>SIGNATURE:</b>	/Heather M. Moore/
<b>DATE SIGNED:</b>	04/04/2019
<b>Total Attachments: 6</b>	
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Assignment

WHEREAS, I/We Mark T. WYETH; Gregory YANTZ; Robert Paul MCCARTY, have made an invention entitled "Fluid Preparation and Treatment Devices Methods and Systems" for which I/We have filed an application for Letters Patent of the United States on February 28, 2019 under Application No. 16/288,562; and

WHEREAS, NxStage Medical, Inc. ("ASSIGNEE"), a corporation or other business entity organized under the laws of Delaware, and whose postal address is 350 Merrimack Street, 7<sup>th</sup> Floor, Lawrence, MA 01843, desires to acquire the entire right, title, and interest in and to the invention, the application, and any Letters Patent to be granted for the invention in the United States and in all foreign countries;

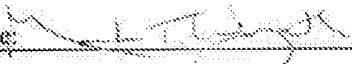
NOW, THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which I/We acknowledge, I/We, have, assigned, transferred, and set over, and do hereby assign, transfer, and set over unto ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest in and to the invention, including any improvement thereof, the application, all applications claiming benefit of the application, including, but not limited to, all divisions, continuations, and continuation-in-part of the application, and all Letters Patent that may be granted thereon in the United States and in all foreign countries, and all reissues or re-exams thereof, together with the right to claim priority under the International Convention in all member countries, for said invention or improvements, including all priority rights, and any and all Letters Patent which may be granted in foreign countries therefor, and in and to any other applications based in whole or in part on any of the foregoing; and I/We authorize and request the Director of the United States Patent and Trademark Office to issue all Letters Patent for the invention to ASSIGNEE, its successors, legal representatives, and assigns in accordance with the terms of this Assignment;

AND I/We covenant and agree that I/We have the full right to convey the entire right, title, and interest herein assigned and that I/We have not executed and will not execute any assignment or other instrument in conflict with this Assignment;

AND I/We further covenant and agree that upon request by ASSIGNEE, its successors, legal representatives, and/or assigns, and without further consideration, I/We will do all lawful acts that may be necessary or desirable to assist ASSIGNEE, its successors, legal representatives, and/or assigns to obtain and enforce patent protection for the invention in the United States and in all foreign countries, including, but not limited to, communicate with ASSIGNEE, its successors, legal representatives, and/or assigns any facts known to me/us regarding the invention, testify in any legal proceeding, sign all lawful papers, execute and deliver all papers that may be necessary or desirable to perfect the title to the invention in ASSIGNEE, its successors, legal representatives, and/or assigns, execute all divisional, continuation, and reissue applications, and make all rightful oaths, it being understood that any expense incident to the rendering of such assistance will be borne by ASSIGNEE, its successors, legal representatives, and/or assigns;

AND I/WE further hereby authorize ASSIGNEE or its attorneys or agents to insert the correct application number and filing date into this Assignment, if none is indicated on that date of my/our execution of this Assignment.

IN WITNESS WHEREOF, I/We have executed this Assignment on the date(s) indicated below.

Signature: 

Date: March 1, 2019

Full Name: Mark T. WYETH

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

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

Full Name: Gregory YANTZ

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

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

Full Name: Robert Paul MCCARTY

Assignment

WHEREAS, I/We Mark T. WYETH; Gregory YANTZ; Robert Paul MCCARTY, have made an invention entitled "Fluid Preparation and Treatment Devices Methods and Systems" for which I/We have filed an application for Letters Patent of the United States on February 28, 2019 under Application No. 15/288,562; and

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NOW, THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which I/We acknowledge, I/We, have, assigned, transferred, and set over, and do hereby assign, transfer, and set over unto ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest in and to the invention, including any improvement thereof, the application, all applications claiming benefit of the application, including, but not limited to, all divisions, continuations, and continuation-in-part of the application, and all Letters Patent that may be granted thereon in the United States and in all foreign countries, and all reissues or re-exams thereof, together with the right to claim priority under the International Convention in all member countries, for said invention or improvements, including all priority rights, and any and all Letters Patent which may be granted in foreign countries therefor, and in and to any other applications based in whole or in part on any of the foregoing; and I/We authorize and request the Director of the United States Patent and Trademark Office to issue all Letters Patent for the invention to ASSIGNEE, its successors, legal representatives, and assigns in accordance with the terms of this Assignment;

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AND I/We further covenant and agree that upon request by ASSIGNEE, its successors, legal representatives, and/or assigns, and without further consideration, I/We will do all lawful acts that may be necessary or desirable to assist ASSIGNEE, its successors, legal representatives, and/or assigns to obtain and enforce patent protection for the invention in the United States and in all foreign countries, including, but not limited to, communicate with ASSIGNEE, its successors, legal representatives, and/or assigns any facts known to me/us regarding the invention, testify in any legal proceeding, sign all lawful papers, execute and deliver all papers that may be necessary or desirable to perfect the title to the invention in ASSIGNEE, its successors, legal representatives, and/or assigns, execute all divisional, continuation, and reissue applications, and make all rightful oaths, it being understood that any expense incident to the rendering of such assistance will be borne by ASSIGNEE, its successors, legal representatives, and/or assigns;

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IN WITNESS WHEREOF, I/We have executed this Assignment on the date(s) indicated below.

Signature: _____	Signature: <u>Gregory Yantz</u>
Date: _____	Date: <u>25 March 2019</u>
Full Name: <u>Mark T. WYETH</u>	Full Name: <u>Gregory YANTZ</u>

Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Full Name: Robert Paul MCCARTY

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

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

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

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

Full Name: Mark T. WYETH

Full Name: Gregory YANTZ

Signature: 

Date: 3/27/2019

Full Name: Robert Paul MCCARTY