

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	TATSURO YOSHIDA	04/30/2013
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	NEW HEALTH SCIENCES, INC.	
<b>Street Address:</b>	99 HAYDEN AVENUE	
<b>Internal Address:</b>	BUILDING B, SUITE 620	
<b>City:</b>	LEXINGTON	
<b>State/Country:</b>	MASSACHUSETTS	
<b>Postal Code:</b>	02421	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	15956447
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(202)942-5999	
<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>		
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<b>Address Line 4:</b>	WASHINGTON, D.C. 20001	
<b>ATTORNEY DOCKET NUMBER:</b>	P33951US02/0025577.00208	
<b>NAME OF SUBMITTER:</b>	MIRANDA A.M. HALLETT	
<b>SIGNATURE:</b>	/Miranda A.M. Hallett/	
<b>DATE SIGNED:</b>	04/22/2018	
<b>Total Attachments: 2</b>		
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## ASSIGNMENT

WHEREAS, I/we, the undersigned, have made certain invention or inventions which are disclosed in patent application(s) and/or provisional patent application(s) entitled:

ARTIFICIAL MICROVASCULAR NETWORK DEVICE AND METHODS OF USE

identified as U.S. Application No. 61/650,283, filed May 22, 2012

WHEREAS, **New Health Sciences, Inc.**, of 6903 Rockledge Drive, Suite 230, Bethesda, Maryland, 20817-1818, a Corporation of the State of Delaware, (hereinafter "ASSIGNEE") is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, FOR GOOD AND VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, I/we do hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said invention or inventions, in any form or embodiment thereof, and in and to said application(s); and in and to any and all applications filed in any country based thereon, including the right to file applications in countries other than the country of priority filing under the provisions of any international convention; also in and to any and all improvements on said invention or inventions now or hereafter made by me/us as employee(s), agent(s) or contractor(s) of said ASSIGNEE; also the entire right, title and interest in and to any and all patents, including reissues and extensions thereof, to be obtained in any country upon said invention; inventions or improvements, and any and all continuing applications, including divisional, continuation and continuation-in-part applications, substitute applications, and applications claiming benefit of an earlier filed provisional application, which may be filed upon said invention, inventions or improvements in any country; and

I/We hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said ASSIGNEE, as assignee of the entire interest.

I/We further agree, without any payment by ASSIGNEE other than in reimbursement of reasonable expenses I/we may incur, to communicate to said ASSIGNEE, its representatives or agents, any facts relating to said invention, inventions or improvements, including evidence for purposes of interference, opposition or other legal proceedings, whenever requested; testify in any interference, opposition or other legal proceedings, whenever requested; and execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective.

IN TESTIMONY WHEREOF, I/we have hereto set our hands on the dates set after our signatures.

Signature: [Signature] Date: 4/30/2013  
Name: Tatsuro Yoshida  
City and state or country of residence: West Newton, Massachusetts

State of MASS. )  
County of MIDDLESEX ) ss.

On this 30<sup>th</sup> day of APRIL, 2013, before me personally appeared TATSURO YOSHIDA, known to me to be the person who executed the foregoing instrument and acknowledged that he/she executed the same as his/her free act and deed; in testimony whereof I have hereto set my hand and official seal on the day last above written.



[Signature]  
Notary Public or Consular Officer

My Commission expires 4.30.13