

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7240212

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	BRIAN CHAN	03/22/2022
	HAMID BADIEI	03/17/2022
RECEIVING PARTY DATA		
Name:	PERKINELMER HEALTH SCIENCES CANADA, INC.	
Street Address:	501 ROWNTREE DAIRY ROAD	
City:	WOODBIDGE	
State/Country:	CANADA	
Postal Code:	L4L 8H1	
PROPERTY NUMBERS Total: 3		
	Property Type	Number
	Application Number:	13624351
	Application Number:	16248603
	PCT Number:	US2013060448
CORRESPONDENCE DATA		
Fax Number:	(781)663-5970	
<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>		
Phone:	781-663-6037	
Email:	linda.byernes@perkinelmer.com	
Correspondent Name:	PERKINELMER HEALTH SCIENCES, INC.	
Address Line 1:	940 WINTER STREET	
Address Line 4:	WALTHAM, MASSACHUSETTS 02451	
ATTORNEY DOCKET NUMBER:	PKI-7031	
NAME OF SUBMITTER:	KEVIN A. OLIVER	
SIGNATURE:	//Kevin A. Oliver/	
DATE SIGNED:	03/23/2022	
Total Attachments: 4		
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ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, We, the undersigned, **Brian Chan and Hamid Badiei**, each hereby:

Sells, assigns and transfers to **PERKINELMER HEALTH SCIENCES CANADA, INC.**, a corporation having a place of business at 501 Rowntree Dairy Rd, Woodbridge, ON L4L 8H1, Canada, its successors, assigns and legal representatives, all hereinafter referred to as the "Assignee," the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in each of:

- (1) United States Patent Application filed on 21 September 2012 as U.S. Application No. **13/624,351**, which is entitled "MANIFOLDS AND METHODS AND SYSTEMS USING THEM";
- (2) United States Patent Application filed on 15 January 2019 as U.S. Application No. **16/248,603**, which is entitled "MANIFOLDS AND METHODS AND SYSTEMS USING THEM";
- (3) International Patent Application filed on 18 September 2013 as PCT/US13/60448, which is entitled "MANIFOLDS AND METHODS AND SYSTEMS USING THEM";

and in and to said applications and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and internationally and in any foreign countries on any of said inventions disclosed in said Applications, and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions in said Applications including the right to apply for patent rights in each foreign country and all rights to priority, and further including any right to sue for past infringement; and

Agree that the Effective Date of this Assignment is 21 September 2012; and

Acknowledge, affirm and agree that if my interests have already been transferred by operation of law or by agreement, e.g., employment agreement, with said Assignee that said Assignee is the owner of 100% interest in and to said Applications and is the real party in interest in and to said Applications; and

Agree that, prior to filing said Applications referenced herein, said Assignee was specifically entitled to apply for and claim priority to said Applications referenced herein and was entitled to apply for and claim priority to any PCT application or foreign equivalent applications that claim priority to said Applications referenced herein;

Agree that said Assignee may apply for and receive Letters Patent for said inventions described in said Applications in its own name, and when requested, without charge to but at the expense of said Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications

on any and all said inventions, by executing all rightful oaths, declarations, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all Applications for patents and all patents on said inventions, in said Assignee; and

Agree that the Assignee may grant the USPTO, the US Receiving Office and the International Bureau, but is not required to grant the USPTO, the US Receiving Office or the International Bureau, authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the Applications, access to the Applications; and

Agree and acknowledge that: (i) the Assignee is the real party in interest for said Applications and has a sufficient proprietary interest under 35 U.S.C. §§ 115 and 118 in said Applications to make an application for patent on behalf of and as an agent for me, (ii) the Assignee has the right, but is not required, to file a Substitute Statement under 35 U.S.C. § 115, and (iii) the Assignee may make such patent applications as necessary and determined solely by the Assignee to preserve the rights of the parties; and

Agree and acknowledge that I am an original inventor or an original joint inventor of the subject matter which is claimed and for which a patent is sought on the invention claimed and/or described in said Applications and agree that said Applications was made by me or the Assignee or were authorized to be made by me or the Assignee; and

Declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon; and

Acknowledge that any willful false statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both; and

Acknowledge the duty to disclose information which is material to the patentability of said Applications in accordance with Title 37, Code of Federal Regulations, §1.56; and

Request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee; and

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

DocuSigned by:
Brian Chan 22 March 2022 | 3:01 PM EDT

Inventor's signature _____ Date _____

Full name of first or joint inventor: Brian Chan
501 Rowntree Dairy Rd, Woodbridge,
ON L4L 8H1

Inventor's signature _____ Date _____

Full name of first or joint inventor: Hamid Badiei
501 Rowntree Dairy Rd, Woodbridge,
ON L4L 8H1

WHEREBY PerkinElmer Health Sciences Canada, Inc., acknowledges and accepts the
Assignments;

IN WITNESS WHEREOF, I have hereunto set my hand and seal on
22 March 2022 | 6:01 PM EDT. The undersigned warrants and represents that s/he has the authority
to sign this Assignment on behalf of the Assignee, PerkinElmer Health Sciences Canada, Inc.

DocuSigned by:
Kevin A Oliver (SEAL)

By: _____

Printed name: Kevin A. Oliver

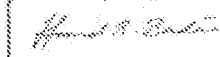
Title: Vice President

Inventor's signature

Date

Full name of first or joint inventor: Brian Chan
501 Rowntree Dairy Rd, Woodbridge,
ON L4L 8H1

DocuSigned by:



17 March 2022 | 12:58 PM EDT

Inventor's signature

Date

Full name of first or joint inventor: Hamid Badiei
501 Rowntree Dairy Rd, Woodbridge,
ON L4L 8H1

WHEREBY PerkinElmer Health Sciences Canada, Inc., acknowledges and accepts the
Assignments;

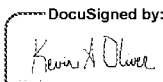
IN WITNESS WHEREOF, I have hereunto set my hand and seal on

22 March 2022 | 6:01 PM EDT

The undersigned warrants and represents that s/he has the authority
to sign this Assignment on behalf of the Assignee, PerkinElmer Health Sciences Canada, Inc.

DocuSigned by:

By: _____



(SEAL)

Printed name: Kevin A. Oliver

Title: Vice President