

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4393164

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BORIS STOEBER	11/26/2015
WINNIE CHU	11/16/2015
LEON YUEN	11/12/2015
RECEIVING PARTY DATA	
Name:	THE UNIVERSITY OF BRITISH COLUMBIA
Street Address:	UNIVERSITY-INDUSTRY LIAISON OFFICE
Internal Address:	103 - 6190 AGRONOMY ROAD
City:	VANCOUVER, BC
State/Country:	CANADA
Postal Code:	V6T1Z3
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15523656
CORRESPONDENCE DATA	
Fax Number:	(604)681-4081
<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:	6046693432
Email:	jkwok@patentable.com
Correspondent Name:	OYEN WIGGS GREEN & MUTALA LLP
Address Line 1:	480 - THE STATION
Address Line 2:	601 WEST CORDOVA STREET
Address Line 4:	VANCOUVER, BRITISH COLUMBIA V6B1G1
ATTORNEY DOCKET NUMBER:	U107 0009/GNM
NAME OF SUBMITTER:	GAVIN N. MANNING
SIGNATURE:	/GavinNManning/
DATE SIGNED:	05/01/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 5	

source=Combined Declaration-Assignment - to UBC (11934551x9EE5F)#page1.tif
source=Combined Declaration-Assignment - to UBC (11934551x9EE5F)#page2.tif
source=Combined Declaration-Assignment - to UBC (11934551x9EE5F)#page3.tif
source=Combined Declaration-Assignment - to UBC (11934551x9EE5F)#page4.tif
source=Combined Declaration-Assignment - to UBC (11934551x9EE5F)#page5.tif

**CONFIRMATION OF OWNERSHIP AND CONFIRMATORY ASSIGNMENT OF
INVENTION AND RELATED PATENT RIGHTS**

WHEREAS THE FOLLOWING PERSON OR PERSONS:

Boris STOEBER
313-1890 West 6th Avenue
Vancouver, British Columbia
V6J 1R6
Canada

Winnie CHU
PO Box 525
130 Oceanview Place
Lions Bay, British Columbia
V0N 2E0
Canada

Leon YUEN
69-10000 Fisher Gate
Richmond, British Columbia
V6X 3W8
Canada

each an Assignor, is the inventor or a co-inventor if more than one Assignor is named, of certain inventions or improvements (the "Invention(s)") described and/or claimed in:

- United States Patent Application No. 62/073811 filed 31 October 2014 and entitled MICROFLUIDIC-BASED REAL-TIME DETECTOR FOR FINE PARTICULATE MATTER; and,
- PCT Patent Application No. PCT/CA2015/051086 filed 26 October 2015 and entitled MICROFLUIDIC-BASED REAL-TIME DETECTOR FOR FINE PARTICULATE MATTER (the "Application(s)");

AND WHEREAS, **The University of British Columbia** (the "Assignee(s)"), whose address is University-Industry Liaison Office, 103 - 6190 Agronomy Road, Vancouver, British Columbia, V6T 1Z3, Canada, has acquired the entire worldwide right, title, and interest in and to: the Invention(s), the Application(s), and all patents which may be granted on or as a result thereof in all countries, by way of Assignments dated 25 November 2014 and 1 December 2014;

In consideration of ONE (\$1.00) DOLLAR and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, each Assignor confirms that Assignee(s) is the owner of all right, title and interest in and to the Invention(s) and the Application(s) and, for greater certainty, to the full extent that he or she has not done so previously, he or she does hereby sell, assign, transfer, and set over to the Assignee(s) the entire right, title, and interest in and to:

- the Invention(s);
- the Application(s);
- all national phase applications arising from the Application(s);
- all continuations, divisions, renewals of, or substitutes for the Application(s);
- the right to file counterparts to the Application(s) in all countries and regions;
- the right to claim priority from the Application(s) in all countries and regions;

- each and every additional application that claims any part of the Inventions;
 - each and every additional application that is in any way based on or claims priority from or corresponds to the Application(s);
 - all patents which may be granted on or as a result thereof;
 - any reissue or reissues of such patents;
 - all causes of action and rights to bring suit for past, present, and future infringement thereof and all claims for and rights to collect damages, profits, and all other remedies and relief in respect thereof, including other compensation in respect of pre-grant activities; and
 - all improvements to the Invention(s), whether or not already existing;
- the same to be owned by the Assignee(s), its successors, assigns, nominees, or legal representatives, for the full term or terms of the patents entirely as the same would have been owned by the Assignor(s), had this Assignment, sale, and transfer not been made.

Each Assignor hereby covenants that he or she: has full right to convey the entire interest herein assigned; and has not executed and will not execute any agreement to transfer any rights in the Invention(s) and/or the Application(s) to anyone other than the Assignee(s) or that is otherwise in conflict herewith.

Each Assignor promises that he or she shall do everything reasonably possible to aid the Assignee(s), its successors, assigns, nominees, and legal representatives to obtain and enforce for its or their own benefit, proper patent protection for the Invention(s) in all countries and regions including without limitation:

- each time a request is made and without undue delay, execute and deliver all lawful papers relating to the Invention(s) including without limitation:
 - all such papers as may be necessary or desirable to perfect the title to the Invention(s), the Application(s), and the patents in the Assignee, its successors, assigns, nominees, or legal representatives;
 - all such papers including, without limitation, rightful oaths and declarations, that the Assignee considers to be necessary or desirable for use in: prosecution of the Application(s); interference proceedings involving the Application(s) or patents; oppositions involving the Application(s) or patents; applications to reissue or re-examine the patents; disclaimers related to the Application(s) or patents; or filing additional applications to protect the Invention(s) in any country;
 - communicate to the Assignee, or its nominees, all known facts respecting the Invention(s), the Application(s), and the patents and assist in the ascertainment of facts and the production of evidence relating to the Invention(s), the Application(s), or the patents; and
 - testify in any legal proceedings;
- all at the expense, however, of the Assignee or its successors, assigns, nominees, or legal representatives.

Each Assignor hereby irrevocably designates and appoints the Assignee and its duly authorized officers and agents, and their successors, as his or her agents and attorneys-in-fact, to act on the Assignor(s)'s behalf and instead of the Assignor(s), to execute and file applications to patent the Invention(s) in all countries, and to do all other proper lawfully permitted acts to further the

assignment, prosecution, and issuance of patents for the Invention(s) with the same legal force and effect as if executed by the Assignor(s). This power of attorney shall be deemed coupled with an interest and is irrevocable.


Each Assignor hereby authorizes and requests any official of any country or countries whose duty it is to issue patents on applications to issue to the Assignee, its successors, assigns, nominees, or legal representatives all patents for the Invention(s) in accordance with the terms of this Confirmatory Assignment.

Declarations of Assignor(s) for United States

Each Assignor hereby declares that:

- 1. The above-identified Application(s) was made or authorized to be made by me;
- 2. I believe that I am the original inventor or an original joint inventor of a claimed invention in the Application(s); and
- 3. I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

EXECUTED at Vancouver this 26th day of November 20 15
(place of signature)


Boris STOEBER

Witnessed by: Ryozo Nagamune
Printed Name: Ryozo Nagamune

.....
EXECUTED at _____ this _____ day of _____ 20 _____
(place of signature)

Winnie CHU

Witnessed by: _____
Printed Name: _____

.....

assignment, prosecution, and issuance of patents for the Invention(s) with the same legal force and effect as if executed by the Assignor(s). This power of attorney shall be deemed coupled with an interest and is irrevocable.

Each Assignor hereby authorizes and requests any official of any country or countries whose duty it is to issue patents on applications to issue to the Assignee, its successors, assigns, nominees, or legal representatives all patents for the Invention(s) in accordance with the terms of this Confirmatory Assignment.

Declarations of Assignor(s) for United States

Each Assignor hereby declares that:

1. The above-identified Application(s) was made or authorized to be made by me;
2. I believe that I am the original inventor or an original joint inventor of a claimed invention in the Application(s); and
3. I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

EXECUTED at _____ this _____ day of _____ 20 _____
(place of signature)

Boris STOEBER

Witnessed by: _____

Printed Name: _____

EXECUTED at UBC this 16 day of November 20 15
(place of signature)

Winnie CHU

Winnie CHU


Witnessed by: P. Briscoe

Printed Name: P. Briscoe

EXECUTED at Palo Alto, California this 12 day of November 20 15
(place of signature)



Leon YUEN

Witnessed by: 

Printed Name: IMAN KHORSANI