

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5328536

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	03/31/2017
CONVEYING PARTY DATA	
Name	Execution Date
RYAN FOBEL	04/17/2017
ALPHONSUS HON-CHUNG NG	04/13/2017
AARON RAY WHEELER	04/13/2017
MAN HO STEPHEN HO	04/18/2017
RECEIVING PARTY DATA	
Name:	THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO
Street Address:	100 COLLEGE STREET
City:	TORONTO, ON
State/Country:	CANADA
Postal Code:	M5G 1L5
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16092273
CORRESPONDENCE DATA	
Fax Number:	(703)739-9889
<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:	703-739-9888
Email:	DOWELL@DOWELLPC.COM
Correspondent Name:	DOWELL & DOWELL, P.C.
Address Line 1:	2560 HUNTINGTON AVE, SUITE 203
Address Line 4:	ALEXANDRIA, VIRGINIA 22303
ATTORNEY DOCKET NUMBER:	20429NP
NAME OF SUBMITTER:	WENDY M. SLADE
SIGNATURE:	/WENDY M. SLADE/
DATE SIGNED:	01/16/2019
Total Attachments: 7	
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WORLDWIDE ASSIGNMENT

WE, Ryan FOBEL, Alphonsus Hon-Chung NG, Aaron Ray WHEELER and Man Ho Stephen HO, whose full post office addresses are, 442 Jones Avenue, Toronto, Ontario M4J 3G3, Canada; 198 Homewood Avenue, North York, Ontario M2M 1K6, Canada; 97 Russett Avenue, Toronto, Ontario M6H 3M4, Canada and 2502-70 Forest Manor Road, North York, Ontario M2J 0A9, Canada, respectively, have invented, **SURFACTANT ADDITIVES FOR DIGITAL MICROFLUIDIC DEVICES FOR HIGH PROTEIN CONTENT DROPLETS TRANSPORT**, for which the International PCT patent application was filed:

Filing Date: March 31, 2017

Serial No. PCT/CA2017/050398

in consideration of Two Dollars (\$2.00) paid to US, the receipt and sufficiency of which is hereby acknowledged, and other good and valuable consideration, WE by these presents confirm that WE have sold, transferred and assigned and do hereby sell, transfer and assign to **THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO** ("Assignee"), having offices at, 100 College Street, Toronto, Ontario M5G 1L5, Canada, its successors and assigns or nominees, all OUR rights, title and interest in all the countries of the world in and to OUR invention as fully described and claimed in the International PCT patent application, and WE sell, assign and transfer to **THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO**, all OUR rights to apply for patent on said invention in all the countries of the world including any and all full utility applications, divisions, continuations, continuation-in-part, re-examinations, renewals, reissues and/or extensions thereof, any design applications originating therefrom, International PCT patent applications and all national phase applications and all OUR corresponding rights, title and interest in and to any patent which may issue therefor in all the countries of the world, and all OUR corresponding rights, title and interest in and to any patent which may issue therefor, to have and to hold for **THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO**'s own use and **THE**

GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO 's successors and assigns as fully and entirely as the same might be enjoyed by **Ryan FOBEL, Alphonsus Hon-Chung NG, Aaron Ray WHEELER and Man Ho Stephen HO** if this sale had not been made.

AND WE UNDERTAKE to sign such further documents to effect the aforesaid sale, assignment and transfer as may be required from time to time, without reimbursement, but at the expense of **THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO**.

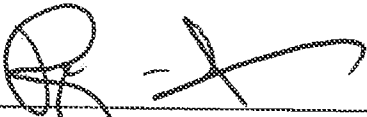
AND WE authorize HILL & SCHUMACHER, Patent and Trademark Agents, of 264 Avenue Road, Toronto, Ontario M4V 2G7, Canada to enter the particulars of the signature and particulars of the Declaration of Witness when missing.

The agreement shall be retroactive *nunc pro tunc* to the filing date of the PCT application such that the effective date of this agreement is **March 31, 2017**.

This assignment can be signed in counterparts.

Signed at (city/town) Toronto

This 17 day of April, 2017.



Ryan FOBEL

DECLARATION OF WITNESS

I, Bryce Li, whose full post office address is, 519 Sheppard Avenue, Pickering, Ontario, Canada, hereby declare that that I was personally present and did see **Ryan FOBEL** who is personally known to me to be the person named in the above assignment duly sign and execute the same.

DECLARED at (city/town) Toronto

This 17 day of April, 2017.



(Signature of Witness)

Signed at (city/town) Pasadena, California, USA

This 13 day of April, 2017.

Alphonsus Ng.
Alphonsus Hon-Chung NG

DECLARATION OF WITNESS

I, Jungwoo Kim, whose full post office address is 307 S. Wilson Ave 5, Pasadena, CA 91106, hereby declare that that I was personally present and did see **Alphonsus Hon-Chung NG** who is personally known to me to be the person named in the above assignment duly sign and execute the same.

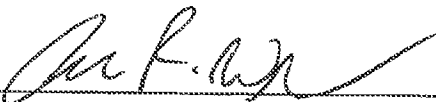
DECLARED at (city/town) Pasadena, California, USA

This 13 day of April, 2017.

Jb 26 JK
(Signature of Witness)

Signed at (city/town) TORONTO

This 13 day of APRIL, 2017.




Aaron Ray WHEELER

DECLARATION OF WITNESS

I, LISA NGO, whose full post office address is, 80 ST. GEORGE STREET, TORONTO, ON, M5S 3H6, hereby declare that that I was personally present and did see Aaron Ray WHEELER who is personally known to me to be the person named in the above assignment duly sign and execute the same.

DECLARED at (city/town) TORONTO

This 13 day of APRIL, 2017.



(Signature of Witness)

Signed at (city/town) Toronto

This 18 day of April, 2017.

Stephen Ho

Man Ho Stephen HO

DECLARATION OF WITNESS

I, Ryan Fobel, whose full post office address is, 442 Jones Ave, Toronto, ON, M4T 3G3, Canada, hereby declare that that I was personally present and did see **Man Ho Stephen HO** who is personally known to me to be the person named in the above assignment duly sign and execute the same.

DECLARED at (city/town) Toronto

This 18 day of April, 2017.

Ryan Fobel
(Signature of Witness)

ACCEPTANCE

The Assignee accepts this assignment.

Signed at (city/town) Toronto, ON

This 24th day of April, 2017.

THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO

Signature: J. Fraser

Print Name: Jennifer Fraser, MSc, MBA
Director, Innovations & Partnerships

Position: _____

DECLARATION OF WITNESS

I, Field Smith, whose full post office address is, 1-304 South Kingsway, Toronto, ON M6S 3T9, hereby declare that I was personally present and did see, Jennifer Fraser, who is personally known to me to be the person that has duly signed and executed the above assignment on behalf of THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO.

DECLARED at (city/town) Toronto

This 24th day of April, 2017.

F. Smith

(Signature of Witness)