

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT4131318

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
FRANK GU	06/20/2015
LYNDON WILLIAM JAMES JONES	06/12/2015
SHENGYAN (SANDY) LIU	06/09/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	UNIVERSITY OF WATERLOO
<b>Street Address:</b>	200 UNIVERSITY AVENUE WEST
<b>City:</b>	WATERLOO
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	N2L 3G1
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14410521
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(857)300-4001
<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>Email:</b>	bostonpatent@lathropgage.com,dvincent@lathropgage.com
<b>Correspondent Name:</b>	LATHROP & GAGE LLP
<b>Address Line 1:</b>	28 STATE STREET
<b>Address Line 2:</b>	BRIAN C. TRINQUE, PH.D., ESQ.
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02109
<b>ATTORNEY DOCKET NUMBER:</b>	564831: BLT-004US
<b>NAME OF SUBMITTER:</b>	BRIAN C. TRINQUE, PH.D., ESQ.
<b>SIGNATURE:</b>	/BRIAN C. TRINQUE/
<b>DATE SIGNED:</b>	11/07/2016
<b>Total Attachments: 3</b>	
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**CONFIRMATORY ASSIGNMENT**

We:

Frank GU, 25 Westmount Road North, Unit 1601, Waterloo, Ontario, N2L 5G7, CANADA

Lyndon William James JONES, 333 Bushwood Court, Waterloo, Ontario, N2G 2E6,  
CANADA

Shengyan (Sandy) LIU, 605-736 Old Albert Street, Waterloo, Ontario, N2L 6R4, CANADA

for good and valuable consideration, the receipt and sufficiency of which is hereby  
acknowledged, confirm that effective at least as early as **June 22, 2012**  
we did sell and assign to:

**UNIVERSITY OF WATERLOO  
200 University Avenue West  
Waterloo, Ontario  
N2L 3G1  
CANADA**

all our right, title and interest in the United States of America, Canada, and all countries foreign  
thereto, in and to the invention(s) disclosed in International Patent Application No.  
**CA2013/050475** filed **June 20, 2013**, relating to, and entitled:

**MUCOADHESIVE NANOPARTICLE DELIVERY SYSTEM**

and to any application for patent claiming subject matter relating thereto, and to all our  
corresponding right, title and interest in and to any patent issued therefrom, and to any patent  
issued from a continuation, continuation-in-part, re-issue, divisional or re-examination  
application derived, or claiming priority, from the above application.

We authorize the firm of Borden Ladner Gervais LLP to insert any further identification  
necessary to make this assignment suitable for recordation in the Patent Offices of any country  
as may be required.

<p><b>Frank GU</b></p> <p>Executed at <u>Waterloo</u> City</p> <p><u>ON</u> Province/State, Country</p> <p>This <u>20</u> day of <u>June</u>, <u>2015</u> Day Month Year</p> <p><u>[Signature]</u> Signature</p>	<p><u>Witness:</u></p> <p>I, <u>SAEED JAGHERI</u> Print Name</p> <p>whose full post office address is <u>78 Valley Ridge Cres.</u> <u>Waterloo ON N2T 1X1</u></p> <p>was personally present and did see Frank GU execute the within assignment and such assignor is personally known to me.</p> <p><u>[Signature]</u> Signature</p>
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<p><b>Lyndon William James JONES</b></p> <p>Executed at <u>Waterloo</u> City</p> <p><u>ONTARIO</u> Province/State, Country</p> <p>This <u>12</u> day of <u>JUNE</u>, <u>2015</u> Day Month Year</p> <p><u>[Signature]</u> Signature</p>	<p><u>Witness:</u></p> <p>I, <u>Jean Zaditsky</u> Print Name</p> <p>whose full post office address is <u>19 Bonnyton Drive</u> <u>Kitchener ON N2M 1S5</u></p> <p>was personally present and did see Lyndon William James JONES execute the within assignment and such assignor is personally known to me.</p> <p><u>[Signature]</u> Signature</p>
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<p><b>Shengyan (Sandy) LIU</b></p> <p>Executed at <u>Waterloo</u> City</p> <p><u>ON, Canada</u> Province/State, Country</p> <p>This <u>9</u> day of <u>June</u>, <u>2015</u> Day Month Year</p> <p><u>[Signature]</u> Signature</p>	<p>Witness:</p> <p>I, <u>Jean Zaditsky</u> Print Name</p> <p>whose full post office address is <u>19 Bannock Drive</u> <u>Kitchener ON N2M 1S5 Canada</u></p> <p>was personally present and did see <b>Shengyan (Sandy) LIU</b> execute the within assignment and such assignor is personally known to me.</p> <p><u>[Signature]</u> Signature</p>
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<p><b>UNIVERSITY OF WATERLOO</b></p> <p>Executed at <u>Waterloo</u> City</p> <p><u>ON, CANADA</u> Province/State, Country</p> <p>This <u>6<sup>th</sup></u> day of <u>July</u>, <u>2015</u> Day Month Year</p> <p>By: <u>Scott Inwood</u> Print Name</p> <p>Title: <u>DIRECTOR COMMERCIALIZATION</u></p> <p><u>[Signature]</u> Signature</p>	<p>Witness:</p> <p>I, <u>Jean Zaditsky</u> Print Name</p> <p>whose full post office address is <u>19 Bannock Drive</u> <u>Kitchener ON N2M 1S5</u></p> <p>was personally present and did see <u>Scott Inwood</u> Name</p> <p>execute the within assignment and such representative is personally known to me.</p> <p><u>[Signature]</u> Signature</p>
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