

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------------------|---------------|------------------------------------|---------------------|------------------------------------|---------------------|------------------------|--------------------------|-----------------------------|----------------|------------|--------------|------------|------------|------------|----------------|------------|--------------|------------|------------|------------|--------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Pieter R. Cullis</td> <td>06/11/2012</td> </tr> <tr> <td>Nathan M. Belliveau</td> <td>06/06/2012</td> </tr> <tr> <td>Carl Lars Genghis Hansen</td> <td>06/12/2012</td> </tr> <tr> <td>Jens Huft</td> <td>06/12/2012</td> </tr> <tr> <td>James Taylor</td> <td>07/03/2012</td> </tr> <tr> <td>Andre Wild</td> <td>06/12/2012</td> </tr> <tr> <td>Stuart Malcolm</td> <td>06/08/2012</td> </tr> <tr> <td>Ismail Hafez</td> <td>06/08/2012</td> </tr> <tr> <td>Alex Leung</td> <td>06/11/2012</td> </tr> <tr> <td>David Walker</td> <td>06/12/2012</td> </tr> </tbody> </table> | | Name | Execution Date | Pieter R. Cullis | 06/11/2012 | Nathan M. Belliveau | 06/06/2012 | Carl Lars Genghis Hansen | 06/12/2012 | Jens Huft | 06/12/2012 | James Taylor | 07/03/2012 | Andre Wild | 06/12/2012 | Stuart Malcolm | 06/08/2012 | Ismail Hafez | 06/08/2012 | Alex Leung | 06/11/2012 | David Walker | 06/12/2012 |
| Name | Execution Date | | | | | | | | | | | | | | | | | | | | | | |
| Pieter R. Cullis | 06/11/2012 | | | | | | | | | | | | | | | | | | | | | | |
| Nathan M. Belliveau | 06/06/2012 | | | | | | | | | | | | | | | | | | | | | | |
| Carl Lars Genghis Hansen | 06/12/2012 | | | | | | | | | | | | | | | | | | | | | | |
| Jens Huft | 06/12/2012 | | | | | | | | | | | | | | | | | | | | | | |
| James Taylor | 07/03/2012 | | | | | | | | | | | | | | | | | | | | | | |
| Andre Wild | 06/12/2012 | | | | | | | | | | | | | | | | | | | | | | |
| Stuart Malcolm | 06/08/2012 | | | | | | | | | | | | | | | | | | | | | | |
| Ismail Hafez | 06/08/2012 | | | | | | | | | | | | | | | | | | | | | | |
| Alex Leung | 06/11/2012 | | | | | | | | | | | | | | | | | | | | | | |
| David Walker | 06/12/2012 | | | | | | | | | | | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>Name:</td> <td>The University of British Columbia</td> </tr> <tr> <td>Street Address:</td> <td>University Industry Liaison Office</td> </tr> <tr> <td>Internal Address:</td> <td>103-6190 Agronomy Road</td> </tr> <tr> <td>City:</td> <td>Vancouver, British Columbia</td> </tr> <tr> <td>State/Country:</td> <td>CANADA</td> </tr> <tr> <td>Postal Code:</td> <td>V6T 1Z3</td> </tr> </table> | | Name: | The University of British Columbia | Street Address: | University Industry Liaison Office | Internal Address: | 103-6190 Agronomy Road | City: | Vancouver, British Columbia | State/Country: | CANADA | Postal Code: | V6T 1Z3 | | | | | | | | | | |
| Name: | The University of British Columbia | | | | | | | | | | | | | | | | | | | | | | |
| Street Address: | University Industry Liaison Office | | | | | | | | | | | | | | | | | | | | | | |
| Internal Address: | 103-6190 Agronomy Road | | | | | | | | | | | | | | | | | | | | | | |
| City: | Vancouver, British Columbia | | | | | | | | | | | | | | | | | | | | | | |
| State/Country: | CANADA | | | | | | | | | | | | | | | | | | | | | | |
| Postal Code: | V6T 1Z3 | | | | | | | | | | | | | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13464690</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13464690 | | | | | | | | | | | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | | | | | | | | | | | |
| Application Number: | 13464690 | | | | | | | | | | | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | | | | | | | | | | | |
| Fax Number: | (206)224-0779 | | | | | | | | | | | | | | | | | | | | | | |
| Phone: | (206)695-1653 | | | | | | | | | | | | | | | | | | | | | | |
| Email: | efiling@cojk.com | | | | | | | | | | | | | | | | | | | | | | |
| Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail. | | | | | | | | | | | | | | | | | | | | | | | |

OP \$40.00 13464690

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|---------------------|---------------------------------------|
| Correspondent Name: | George E. Renzoni, Ph.D. |
| Address Line 1: | Christensen O'Connor Johnson Kindness |
| Address Line 2: | 1420 Fifth Avenue, Suite 2800 |
| Address Line 4: | Seattle, WASHINGTON 98101 |

| | |
|-------------------------|--------------|
| ATTORNEY DOCKET NUMBER: | UOBC-1-39410 |
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|--------------------|-------------------|
| NAME OF SUBMITTER: | George E. Renzoni |
|--------------------|-------------------|

Total Attachments: 10

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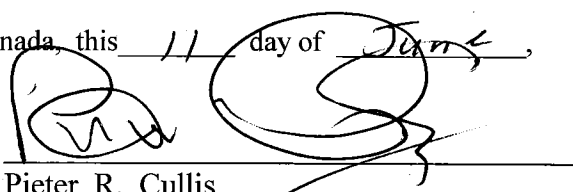
ASSIGNMENT

WHEREAS, we, Pieter R. Cullis, Nathan M. Belliveau, Carl Lars Genghis Hansen, Jens Huft, James Taylor, Andre Wild, Stuart Malcolm, Ismail Hafez, Alex Leung, and David Walker, are the inventors named in an application for Letters Patent of the United States entitled NUCLEIC ACID-CONTAINING LIPID PARTICLES AND RELATED METHODS, Application No. 13/464,690, filed May 4, 2012;

AND, WHEREAS, The University of British Columbia, a public institution of higher education having a principal place of business at the University Industry Liaison Office, 103-6190 Agronomy Road, Vancouver, British Columbia V6T 1Z3, Canada (hereinafter referred to as ASSIGNEE), is desirous of acquiring our entire right and title to and interest in our invention disclosed in said application;

NOW, THEREFORE, for sufficient, good, and valuable consideration, the receipt of which is hereby acknowledged, we do hereby sell, assign, and transfer unto ASSIGNEE our entire right and title to and interest in said application and said invention, including the right to apply for international patents and patents thereon in foreign countries in our name or in the name of ASSIGNEE, said invention and all applications and patents on said invention to be held and enjoyed by ASSIGNEE as entirely as the same would have been held and enjoyed by us had this sale, assignment, and transfer not been made; and we do hereby further agree and promise to execute all instruments and render all such assistance as ASSIGNEE may request in order to make and prosecute any and all applications on said invention, to enforce any and all patents on said invention, and to confirm in ASSIGNEE legal title to said invention and all applications and patents on said invention, all without charge to ASSIGNEE but at no expense to us.

Executed at Vancouver (city), Canada, this 11 day of June, 2012.


Pieter R. Cullis

WITNESS:

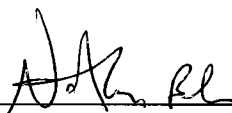
I certify that I know or have satisfactory evidence that Pieter R. Cullis is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: June 11, 2012


Signature

Print Name: Cayetana Schluter

Executed at Vancouver (city), Canada, this 6th day of June,
2012.

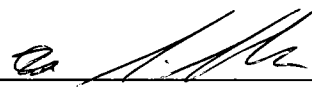


Nathan M. Belliveau

WITNESS:

I certify that I know or have satisfactory evidence that Nathan M. Belliveau is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: June 6, 2012



Signature
Print Name: Cayetana Schuster

Executed at Vancouver (city), Canada, this 12 day of June,
2012.

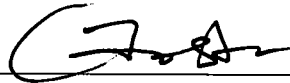


Carl Lars Genghis Hansen

WITNESS:

I certify that I know or have satisfactory evidence that Carl Lars Genghis Hansen is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: June 12, 2012



Signature

Print Name:

Carmen Foster

Executed at Vancouver (city), Canada, this 12th day of June,
2012.

J Huft
Jens Huft

WITNESS:

I certify that I know or have satisfactory evidence that Jens Huft is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

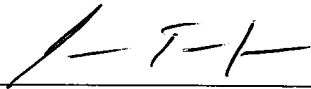
Dated: June 12, 2012

Timothy Leaver

Signature

Print Name: June 12, 2012, TIMOTHY LEAVER


Executed at Vancouver (city), Canada, this 3 day of July,
2012.


James Taylor

WITNESS:

I certify that I know or have satisfactory evidence that James Taylor is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: July 3, 2012


Signature
Print Name: Capetana Schlatter

Executed at Vancouver (city), Canada, this June day of 12,
2012.

Andre Wild
Andre Wild


WITNESS:

I certify that I know or have satisfactory evidence that Andre Wild is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: June 12, 2012

Timothy Leaver
Signature
Print Name: TIMOTHY LEAVER

Executed at Vancouver (city), Canada, this 8th day of June,
2012.




Stuart Malcolm

WITNESS:

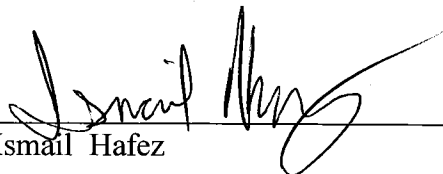
I certify that I know or have satisfactory evidence that Stuart Malcolm is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: June 8, 2012



Signature
Print Name: Cayetana Schuster

Executed at VANCOUVER (city), Canada, this 08 day of JUNE,
2012.




Ismail Hafez

WITNESS:

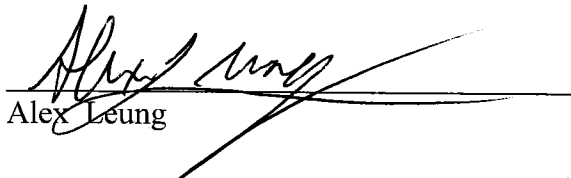
I certify that I know or have satisfactory evidence that Ismail Hafez is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: June 8, 2012



Signature
Print Name: Cayetana Schuster


Executed at Vancouver (city), Canada, this 11th day of June,
2012.


Alex Leung


WITNESS:

I certify that I know or have satisfactory evidence that Alex Leung is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: June 11, 2012


Signature
Print Name: Capstana Schuster

Executed at Vancouver (city), Canada, this 12th day of June,
2012.

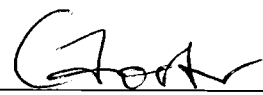


David Walker

WITNESS:

I certify that I know or have satisfactory evidence that David Walker is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: June 12, 2012



Signature
Print Name: Carmen Foster

GER:md