

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT												
EFFECTIVE DATE:	06/14/2006												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Xiao-Xia ZHU</td> <td>07/11/2011</td> </tr> <tr> <td>Juntao LUO</td> <td>07/11/2011</td> </tr> <tr> <td>William D. LUBELL</td> <td>07/07/2011</td> </tr> <tr> <td>Christophe PARDIN</td> <td>07/17/2011</td> </tr> <tr> <td>Tarek KASSEM</td> <td>06/16/2011</td> </tr> </tbody> </table>		Name	Execution Date	Xiao-Xia ZHU	07/11/2011	Juntao LUO	07/11/2011	William D. LUBELL	07/07/2011	Christophe PARDIN	07/17/2011	Tarek KASSEM	06/16/2011
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<table border="1"> <tr> <td>Name:</td> <td>UNIVERSITE DE MONTREAL</td> </tr> <tr> <td>Street Address:</td> <td>2900 Edouard-Montpetit Blvd.</td> </tr> <tr> <td>City:</td> <td>Montreal</td> </tr> <tr> <td>State/Country:</td> <td>QUEBEC</td> </tr> <tr> <td>Postal Code:</td> <td>H3C 3A7</td> </tr> </table>		Name:	UNIVERSITE DE MONTREAL	Street Address:	2900 Edouard-Montpetit Blvd.	City:	Montreal	State/Country:	QUEBEC	Postal Code:	H3C 3A7		
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CORRESPONDENCE DATA													
Fax Number:	(514)868-0208												
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
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ATTORNEY DOCKET NUMBER:	DSTM 14518-74												

CH \$40.00 12308223

NAME OF SUBMITTER:

David ST-MARTIN

**Total Attachments: 6**

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## ASSIGNMENT OF INVENTION

### UNIVERSAL

WHEREAS, I, **Xiao-Xia ZHU**, whose full post office address is 10 rue Laniel, Dollard-des-Ormeaux, Québec, H9B 3G5, Canada, **Juntao LUO**, whose full post office address is 4851-V Street, Sacramento, California, USA 95817, **William D. LUBELL**, whose full post office address is 2680, rue Augustin-Cantin, Montreal, Quebec, H3K 1E1, Canada, **Christophe PARDIN**, whose full post office address is 263, rue Gamelin, Gatineau, Quebec, J8Y 1W8, Canada and **Tarek KASSEM**, whose full post office address is 4830, chemin Queen Mary, app. 409, Montreal, Québec, H3W 3G3, Canada (hereinafter referred to as the "Assignors"), have invented and created an invention entitled "Poly (vinyl alcohol) polymers, uses and preparation thereof" and described in United States provisional patent application number 60/804,664, filed on June 14<sup>th</sup>, 2006, in International patent application PCT/CA2007/001063, filed on June 14<sup>th</sup>, 2007, in European patent application number EP 07719979.2, filed on December 23<sup>rd</sup>, 2008, in United states patent application US 12/308,223, filed on May 18<sup>th</sup>, 2009, in Canadian patent application number 2,690,706, filed on February 24, 2010 and in Indian patent application number 10381/DELNP/2008, filed on December 16<sup>th</sup>, 2008;

WHEREAS **UNIVERSITÉ DE MONTRÉAL** (hereinafter "UdeM"), whose full post office address is 2900 Edouard-Montpetit Blvd., Montreal, Quebec, Canada H3C 3A7 (hereinafter referred to as the "Assignee") is desirous of acquiring Assignors' entire right, title and interest in and to said invention and in and to any and all patents to be obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other valuable consideration, the receipt of which is hereby acknowledged, we have and by these presents do hereby sell, assign and transfer unto said Assignee, its successors and assigns, the entire right, title and interest in and to said invention, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any applications filed in any foreign country based thereon, including the right to file said foreign applications under the provisions of the International Convention; also the entire right, title and interest in and to any and all patents, reissues or extensions thereof to be obtained in this or any foreign country upon said invention, and any divisional, continuation, continuation-in-part, substitute application(s) or supplementary disclosure(s) which may be filed upon said invention, in any country; and we hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said Assignee.

32  
5796 Stone Gate  
Hrs Dr.  
APT 3,  
Jamesville, NY  
USA 13078

We further agree without any payment by said Assignee other than expenses incurred by the undersigned, to communicate to said Assignee, its representatives or agents, any facts relating to said invention, including evidence for interference purposes or for other proceedings, whenever requested; testify in any interference, litigation or other proceedings, whenever requested; and execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective, and likewise make these provisions binding upon our heirs, legal representatives, administrators and assigns.

*Les soussignés acceptent que la présente cession d'invention soit rédigée en anglais.* The undersigned accept that the present Assignment of Invention be drafted in English.

IN WITNESS WHEREOF, each of the parties has signed this Assignment of Invention at the places and on the dates indicated below.

**ASSIGNOR**

Signed in Montreal, this 11<sup>th</sup> day of July, 2011

Per:

Xiao-Xia ZHU

Mildred Bien-Aimé  
Witness Signature

MILDRED BIEN-AIMÉ  
Witness Name (write in block letter)

Signed in \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 2011

Per:

Juntao LUO

\_\_\_\_\_  
Witness Signature

\_\_\_\_\_  
Witness Name (write in block letter)

Signed in Montreal, this 07 day of 07, 2011

Per:

William D. LUBELL

HBVAS SAROUKOU Mariame  
Witness Signature

HBVAS SAROUKOU Mariame  
Witness Name (write in block letter)

We further agree without any payment by said Assignee other than expenses incurred by the undersigned, to communicate to said Assignee, its representatives or agents, any facts relating to said invention, including evidence for interference purposes or for other proceedings, whenever requested; testify in any interference, litigation or other proceedings, whenever requested; and execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective, and likewise make these provisions binding upon our heirs, legal representatives, administrators and assigns.

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**ASSIGNOR**

Signed in \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 2011

Per: \_\_\_\_\_  
Xiao-Xia ZHU

Mildred Bien-Aimé  
Witness Signature

MILDRED BIEN-AIMÉ  
Witness Name (write in block letter)

Signed in \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 2011

Per: \_\_\_\_\_  
Juntao LUO

\_\_\_\_\_  
Witness Signature

\_\_\_\_\_  
Witness Name (write in block letter)

Signed in Montreal, this 07 day of 07, 2011

Per: [Signature]  
William D. LUBELL

[Signature]  
Witness Signature

IBYAS Sproukou Mariame  
Witness Name (write in block letter)

We further agree without any payment by said Assignee other than expenses incurred by the undersigned, to communicate to said Assignee, its representatives or agents, any facts relating to said invention, including evidence for interference purposes or for other proceedings, whenever requested; testify in any interference, litigation or other proceedings, whenever requested; and execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective, and likewise make these provisions binding upon our heirs, legal representatives, administrators and assigns.

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**ASSIGNOR**

Signed in \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 2011

Per: \_\_\_\_\_  
Xiao-Xia ZHU

Mildred Bien-Aimé  
Witness Signature

MILDRED BIEN-AIMÉ  
Witness Name (write in block letter)

Signed in Syracuse, this 11 day of 02, 2011

Per: Juntao LUO

Changying Shi  
Witness Signature

CHANGYING SHI  
Witness Name (write in block letter)

Signed in Montreal, this 07 day of 07, 2011

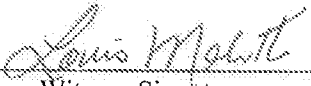
Per: William D. LUBELL

HBVAS SAROUKOU Mariame  
Witness Signature

HBVAS SAROUKOU Mariame  
Witness Name (write in block letter)

Signed in Ottawa, this 17 day of July, 2011

Per:   
Christophe PARDIN

  
Witness Signature

Louis MALETTE  
Witness Name (write in block letter)

Signed in MONTREAL, this 16 day of JUNE, 2011

Per:   
Tarek KASSEM

\_\_\_\_\_  
Witness Signature

\_\_\_\_\_  
Witness Name (write in block letter)

#### ASSIGNEE

Signed in \_\_\_\_\_, this \_\_\_\_\_, 2011

UNIVERSITÉ DE MONTRÉAL

Per: \_\_\_\_\_  
**Dominique BÉRUBÉ**  
General Director, Research and Technology  
Transfer

\_\_\_\_\_  
Witness Signature

\_\_\_\_\_  
Witness Name (write in block letter)

The present Assignment is executed *nunc pro tunc* as of June 14<sup>th</sup>, 2006.

Signed in \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 2011

Per: \_\_\_\_\_  
Christophe PARDIN

\_\_\_\_\_  
Witness Signature

\_\_\_\_\_  
Witness Name (write in block letter)

Signed in MONTREAL, this 16 day of JUNE, 2011

Per: \_\_\_\_\_  
Tarek KASSEM

\_\_\_\_\_  
Witness Signature

MILDRED BIEN-AIMÉ  
Witness Name (write in block letter)

**ASSIGNEE**

Signed in Montreal, this Sept 12<sup>th</sup>, 2011

**UNIVERSITÉ DE MONTRÉAL**

Per: \_\_\_\_\_  
Dominique BÉRUBÉ  
General Director, Research and Technology  
Transfer

\_\_\_\_\_  
Witness Signature

MARTINE LEMAY  
Witness Name (write in block letter)

The present Assignment is executed *nunc pro tunc* as of June 14<sup>th</sup>, 2006.