

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4829216

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JASON MICHAEL RYCROFT	03/25/2013
GILBERT ALEXANDER ARNOULD	03/13/2013
MATTHEW ZAKI BOTROS	04/12/2013
MARK REJMAN	03/21/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NOVA CHEMICALS (INTERNATIONAL) S.A.
<b>Street Address:</b>	AVENUE DE LA GARE 14
<b>City:</b>	FRIBOURG
<b>State/Country:</b>	SWITZERLAND
<b>Postal Code:</b>	1700
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15898704
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(412)490-4359
<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>	
<b>Phone:</b>	412-490-4323
<b>Email:</b>	Karen.Lockhart@novachem.com
<b>Correspondent Name:</b>	NOVA CHEMICALS INC./KAREN S. LOCKHART
<b>Address Line 1:</b>	1555 CORAOPOLIS HEIGHTS ROAD
<b>Address Line 4:</b>	MOON TOWNSHIP, PENNSYLVANIA 15108
<b>ATTORNEY DOCKET NUMBER:</b>	2013 005 USA-NONP-CONT2
<b>NAME OF SUBMITTER:</b>	KAREN S. LOCKHART
<b>SIGNATURE:</b>	/karen s lockhart/
<b>DATE SIGNED:</b>	02/19/2018
<b>Total Attachments: 3</b>	
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**ASSIGNMENT**

In consideration of (\$1.00) One Dollar and other good and valuable consideration, the receipt whereof is hereby acknowledged, we,

**RYCROFT, Jason Michael**, a Canadian citizen residing at 164 Aspen Creek Crescent, Strathmore, Alberta, Canada, T1P 0A7;

**ARNOULD, Gilbert Alexander**, a Canadian citizen residing at 117 Hamptons Close N.W., Calgary Alberta, T3A 6B6;

**BOTROS, Matthew Zaki**, a Canadian citizen residing at 164 Panamount Way N.W., Calgary, Alberta, Canada T3K 0P7; and

**REJMAN, Mark**, a Canadian citizen residing at 48 Felt Crescent, Barrie, Ontario, Canada L4N 8V1;

do hereby sell, assign and transfer to **NOVA Chemicals (International) S.A.**, a corporation of Switzerland, having an office at Avenue de la Gare 14, 1700 Fribourg, Switzerland, its successors and assigns, all our right, title and interest in the United States of America in and to our invention entitled:

**"Hinge Polymer"**

for which **Jason Michael Rycroft** executed an application for a United States Patent dated the 25<sup>th</sup> day of March, 2013; **Gilbert Alexander Arnould** executed an application for a United States Patent dated the 13<sup>th</sup> day of March, 2013; **Matthew Zaki Botros** executed an application for a United States Patent dated the 12<sup>th</sup> day of April, 2013; and **Mark Rejman** executed an application for a United States Patent dated the 21<sup>st</sup> day of March, 2013.

We further undertake to execute without further consideration all lawful papers, all divisional, continuing and reissue applications, make all rightful oaths, and generally do everything possible to assist and enable the said **NOVA Chemicals (International) S.A.** its successors, assigns and nominees, to obtain and enforce proper patent protection for the said invention.

This indenture shall be binding upon and enure to the benefit of the heirs, executors, administrators, successors and assigns, respectively, of the parties hereto.

SIGNED in the City of Calgary, in the Country of Canada, this 25<sup>th</sup> day of March, 2013.

WITNESS:

Kim Overland

Jason Michael Rycroft  
Jason Michael Rycroft

**AFFIDAVIT OF EXECUTION**

I, Kim Overland, whose full post office address is c/o NOVA Chemicals Corporation, 2928 - 16 Street NE, Calgary, Alberta, Canada, T2E 7K7

**MAKE OATH AND SAY:**

That I was personally present and did see **Jason Michael Rycroft** who is personally known to me to be the person named in this assignment duly sign and execute the same.

SWORN before me at the City )  
of Calgary, in the Country )  
of Canada, this 15<sup>th</sup> day of )  
April, 2013 )

Kim Overland

Carolyn Ann Hoff  
A Notary Public in and for the  
Province of Alberta

**CAROLYN ANN HOFF**  
My Appointment Expires December 31 2014

SIGNED in the City of Calgary, in the Country of Canada, this 13<sup>th</sup> day of March 2013.

WITNESS:  
*Kim Overland*

*[Signature]*  
Gilbert Alexander Arnould

**AFFIDAVIT OF EXECUTION**

I, Kim Overland, whose full post office address is c/o NOVA Chemicals Corporation, 2928 - 16 Street NE, Calgary, Alberta, Canada, T2E 7K7

**MAKE OATH AND SAY:**

That I was personally present and did see **Gilbert Alexander Arnould** who is personally known to me to be the person named in this assignment duly sign and execute the same.

SWORN before me at the City )  
of Calgary, in the Country )  
of Canada, this 21<sup>st</sup> day of )  
March, 2013 )

*Kim Overland*

*Carolyn Hoff*  
A Notary Public in and for the  
Province of Alberta

CAROLYN ANN HOFF 2014  
My Appointment Expires December 31, 2014

SIGNED in the City of Calgary, in the Country of Canada, this 10<sup>th</sup> day of April 2013.

WITNESS:  
*Trevor Trott*

*Matthew Botros*  
Matthew Zaki Botros

**AFFIDAVIT OF EXECUTION**

I, Trevor Trott, whose full post office address is c/o NOVA Chemicals Corporation, 2928 - 16 Street NE, Calgary, Alberta, Canada, T2E 7K7

**MAKE OATH AND SAY:**

That I was personally present and did see **Matthew Zaki Botros** who is personally known to me to be the person named in this assignment duly sign and execute the same.

SWORN before me at the City )  
of Calgary, in the Country )  
of Canada, this 15<sup>th</sup> day of )  
April, 2013 )

*Trevor Trott*

*Carolyn Hoff*  
A Notary Public in and for the  
Province of Alberta

CAROLYN ANN HOFF 2014  
My Appointment Expires December 31, 2014

SIGNED in the City of Calgary, in the Country of Canada, this 21<sup>st</sup> day of March 2013.

WITNESS:

Kim Overland

Mark Rejman  
Mark Rejman

**AFFIDAVIT OF EXECUTION**

I, Kim Overland, whose full post office address is c/o MODA Chemicals Corp.  
2928 16st N.E. Calgary, Alberta, Canada T2E 7K7.

**MAKE OATH AND SAY:**

That I was personally present and did see **Mark Rejman** who is personally known to me to be the person named in this assignment duly sign and execute the same.

SWORN before me at the City )  
of Calgary, in the Country )  
of Canada, this 21<sup>st</sup> day of )  
March, 2013 )

Kim Overland

A Notary Public

**CAROLYN ANN HOFF**  
My Appointment Expires December 31, 2014