

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4110120

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
FAZLE SIBTAIN	10/19/2015
CHRISTOPHER JOHN BROOKE DOBBIN	10/06/2015
KENNETH EDWARD TAYLOR	10/15/2015
HAMIDREZA KHAKDAMAN	10/07/2015
TIEQI LI	10/08/2015
XIAOCHUAN WANG	10/16/2015
<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>
Application Number:	15332202
<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>	2015 058 USA-NONP-CONT
<b>NAME OF SUBMITTER:</b>	KAREN S. LOCKHART
<b>SIGNATURE:</b>	/karen s lockhart/
<b>DATE SIGNED:</b>	10/24/2016
<b>Total Attachments: 4</b>	

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WORLD WIDE ASSIGNMENT

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

SIBTAIN, FAZLE, a Canadian citizen residing at 24 MacEwan Park Manor NW, Calgary, Alberta, Canada, T3K 4G6;

DOBBIN, CHRISTOPHER JOHN BROOKE, a Canadian citizen residing at 187 Rocky Ridge Landing NW, Calgary, Alberta, Canada, T3G 4J7;

TAYLOR, KENNETH EDWARD, a Canadian citizen residing at 1901 Craig Court, Sarnia, Ontario, Canada, N0N 1C0;

KHAKDAMAN, HAMIDREZA, a Canadian citizen residing at 115 Edgeridge Park NW, Calgary, Alberta, Canada, T3A 6B1; and

LI, TIEQI, a Canadian citizen, residing at 178 Royal Ridge Mount NW, Calgary, Alberta, Canada, T3G 0A2; and

WANG, XIAOCHUAN, a Canadian citizen, residing at 102 Royal Elm Way NW, Calgary, Alberta, Canada, T3G 6P7;

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 and to our invention entitled:

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in Canada and in all other countries of the world.

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 Province of Alberta, this 19 day of October, 2015.

WITNESS:

Carolyn Hoff

FAZLE SIBTAIN

AFFIDAVIT OF EXECUTION

I, Carolyn Hoff, 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 FAZLE SIBTAIN 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 Province of )  
Alberta, this 19 day of )  
October, 2015 )

Carolyn Hoff

Heidi Holt  
A Notary Public in and for the  
Province of Alberta  
and her minister or selector

SIGNED in the City of Calgary, in the Province of Alberta, this 6<sup>th</sup> day of October, 2015.

WITNESS:

Kim Overland

Christopher John Brooke Dobbin  
CHRISTOPHER JOHN BROOKE DOBBIN

**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 CHRISTOPHER JOHN BROOKE DOBBIN who is personally known to me to be the person named in the attached assignment duly signed and execute the same.

SWORN before me at the City )  
of Calgary, in the Province )  
of Alberta, this 6<sup>th</sup> day of )  
October, 2015 )

Kim Overland

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

CAROLYN ANN HOFF 2017  
My Appointment Expires December 31, 2017

SIGNED in the City of Sarnia, in the Province of Ontario, this 15 day of Oct, 2015.

WITNESS:

Joan Anthan

Kim Taylor  
KENNETH EDWARD TAYLOR

**AFFIDAVIT OF EXECUTION**

I, ELLEN VAN DINTAEN whose full post office address is c/o NOVA Chemicals Corporation, 1086 HADDOLAND RD, BLDG. 1040, SUITE 101, SARINIA, ON N7S 6K2

MAKE OATH AND SAY:

That I was personally present and did see KENNETH EDWARD TAYLOR who is personally known to me to be the person named in the attached assignment duly signed and execute the same.

SWORN before me at the City )  
of Sarnia, in the Province )  
of Ontario, this 15<sup>th</sup> day of )  
October, 2015 )

Joan Anthan

Fred King  
A Notary Public in and for the  
Province of Ontario

SIGNED in the City of Calgary, in the Province of Alberta, this 7<sup>th</sup> day of October, 2015.

WITNESS:

Kim Overland

H. Khakdaman  
HAMIDREZA KHAKDAMAN

**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 HAMIDREZA KHAKDAMAN who is personally known to me to be the person named in the attached assignment duly signed and execute the same.

SWORN before me at the City )  
of Calgary, in the Province )  
of Alberta, this 7<sup>th</sup> day of )  
October, 2015 )

Kim Overland

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

CAROLYN ANN HOFF 2017  
My Appointment Expires December 31, 2017

SIGNED in the City of Calgary, in the Province of Alberta, this 8<sup>th</sup> day of October, 2015.

WITNESS:

Kim Overland

Tieqi Li  
TIEQI LI

**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 TIEQI LI 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 Province of )  
Alberta, this 7<sup>th</sup> day of )  
October, 2015 )

Kim Overland

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

CAROLYN ANN HOFF 2017  
My Appointment Expires December 31, 2017

SIGNED in the City of Calgary, in the Province of Alberta, this 16 day of October, 2015.

WITNESS:

Christy Hoff

Xiaochuan Wang  
XIAOCHUAN WANG

AFFIDAVIT OF EXECUTION

I, Carolyn Hoff, 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 XIAOCHUAN WANG 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 Province of )  
Alberta, this 16 day of )  
October, 2015 )

Christy Hoff

Leon Holt  
A Notary Public in and for the  
Province of Alberta  
and Barrister &  
Solicitor in and  
for the Province  
of Alberta