

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5539497

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
VASILY SIMANZHENKOV	08/19/2015
XIAOLIANG GAO	08/31/2015
DAVID JEFFREY SULLIVAN	08/20/2015
HANNA DRAG	08/19/2015
LEONID MODESTOVICH KUSTOV	09/01/2015
ALEKSEY VICTOROVICH KUCHEROV	09/01/2015
ELENA DMITRIEVNA FINASHINA	09/01/2015
RECEIVING PARTY DATA	
Name:	NOVA CHEMICALS (INTERNATIONAL) S.A.
Street Address:	AVENUE DE LA GARE 14
City:	FRIBOURG
State/Country:	SWITZERLAND
Postal Code:	1700
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16421664
CORRESPONDENCE DATA	
Fax Number:	(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>	
Phone:	412-490-4323
Email:	Karen.Lockhart@novachem.com
Correspondent Name:	NOVA CHEMICALS INC./KAREN S. LOCKHART
Address Line 1:	1555 CORAOPOLIS HEIGHTS ROAD
Address Line 4:	MOON TOWNSHIP, PENNSYLVANIA 15108
ATTORNEY DOCKET NUMBER:	2014033 USA-NONP-DIV
NAME OF SUBMITTER:	KAREN S LOCKHART
SIGNATURE:	/karen s lockhart/
DATE SIGNED:	05/24/2019

Total Attachments: 5

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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,

Vasily Simanzhenkov, a Canadian citizen residing at 484 Rocky Ridge Drive N.W., Calgary, Alberta, Canada, T3G 5C3;

Xiaoliang Gao, a Canadian citizen residing at 811 Edgemont Road N.W., Calgary, Alberta, Canada, T3A 2J1;

David Jeffrey Sullivan, a Canadian citizen residing at 534 28 Ave N.W., Calgary, Alberta, T2M 2K8;

Hanna Drag, a Canadian citizen residing at 59 Cranbrook Crescent S.E. Calgary, Alberta, Canada, T3M 2C3;

Leonid Modestovich Kustov, a Russian citizen residing at Khalturinskaya str. 11, apt. 30, 107392 Moscow, Russia;

Aleksey Victorovich Kucherov, a Russian citizen residing at Bratskaya str. 17/2, apt. 197, 111397 Moscow, Russia; and

Elena Dmitrievna Finashina, a Russian citizen residing at Kievskaya str. 16, apt. 39, 121165 Moscow, Russia,

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:

"Improved Oxidative Dehydrogenation Catalyst"

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 19th day of August, 2015.

WITNESS:

Kim Overland

Vasily Simanzhenkov

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 **Vasily Simanzhenkov** 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 15th day of September, 2015)
)
)
)

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

CAROLYN ANN HOFF
My Appointment Expires December 31, 2017

Kim Overland

SIGNED in the City of Calgary, in the Province of Alberta, this 31 day of August 2015.

WITNESS:

Kim Overland

Xiaoliang Gao
Xiaoliang Gao

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 **Xiaoliang Gao** 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 1st day of)
September, 2015)
Carolyn Hoff)
A Notary Public in and for the)
Province of Alberta)

Kim Overland

CAROLYN ANN HOFF 2017
My Appointment Expires December 31, 2017

SIGNED in the City of Calgary, in the Province of Alberta, this 20th day of August 2015.

WITNESS:

Kim Overland

David Jeffrey Sullivan
David Jeffrey Sullivan

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 **David Jeffrey Sullivan** 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 1st day of)
September, 2015)
Carolyn Hoff)
A Notary Public in and for the)
Province of Alberta)

Kim Overland

CAROLYN ANN HOFF 2017
My Appointment Expires December 31, 2017

SIGNED in the City of Calgary, in the Province of Alberta, this 19th day of August 2015.

WITNESS:

Kim Overland

Hanna Drag
Hanna Drag

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 **Hanna Drag** 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 1st day of)
September, 2015)

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

CAROLYN ANN HOFF
My Appointment Expires December 31, 2017

Kim Overland

SIGNED in the City of _____, in the Country of Russia, this ____ day of _____, 2015.

WITNESS:

Leonid Modestovich Kustov

AFFIDAVIT OF EXECUTION

I, _____, whose full post office address is _____

MAKE OATH AND SAY:

That I was personally present and did see **Leonid Modestovich Kustov** 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 _____, in the Country)
of Russia, this ____ day of)
_____, 2015)

A Notary Public

SIGNED in the City of Calgary, in the Province of Alberta, this ____ day of _____, 2015.

WITNESS:

Hanna Drag

AFFIDAVIT OF EXECUTION

I, _____, 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 **Hanna Drag** 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 ____ day of)
_____, 2015)

A Notary Public in and for the
Province of Alberta

SIGNED in the City of Moscow, in the Country of Russia, this 1st day of September, 2015.

WITNESS:

Early

Leonid Modestovich Kustov

AFFIDAVIT OF EXECUTION

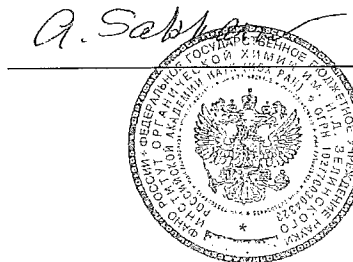
I, Alexey Sakharov, whose full post office address is Moscow, Leninsky
pr. 3p. 47

MAKE OATH AND SAY:

That I was personally present and did see **Leonid Modestovich Kustov** 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 Moscow, in the Country)
of Russia, this 1 day of)
September, 2015)

A Notary Public



SIGNED in the City of Moscow, in the Country of Russia, this 1st day of September 2015.

WITNESS:

Ershov

IKy

Aleksey Victorovich Kucherov

AFFIDAVIT OF EXECUTION

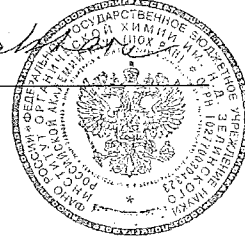
I, Alexey Sakharov, whose full post office address is Moscow, Lenin'sky
prosp. 47

MAKE OATH AND SAY:

That I was personally present and did see **Aleksey Victorovich Kucherov** 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 Moscow, in the Country)
of Russia, this 1 day of)
September, 2015)

A. Sakharov



A Notary Public

SIGNED in the City of Moscow, in the Country of Russia, this 1st day of September 2015.

WITNESS:

Ershov

ED

Elena Dmitrievna Finashina

AFFIDAVIT OF EXECUTION

I, Alexey Sakharov, whose full post office address is Moscow, Lenin'sky
prosp. 47

MAKE OATH AND SAY:

That I was personally present and did see **Elena Dmitrievna Finashina** 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 Moscow, in the Country)
of Russia, this 1 day of)
September, 2015)

A. Sakharov



A Notary Public