

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4294991

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LESLIE WILFRED BENUM	07/11/2013
ERIC CLAVELLE	06/18/2013
GRAZYNA PETELA	07/19/2013
RANDALL E SAUNDERS	06/24/2013
MARK WILLIAMSON	06/24/2013
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:	15444726
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:	2012 024 USA-NONP-DIV
NAME OF SUBMITTER:	KAREN S. LOCKHART
SIGNATURE:	/karen s lockhart/
DATE SIGNED:	02/28/2017
Total Attachments: 3	
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PATENT

REEL: 041398 FRAME: 0526

ASSIGNMENT

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

BENUM, Leslie Wilfred, a Canadian citizen residing at 4020-52 Street, Red Deer, Alberta, Canada, T4N 2B9;

CLAVELLE, Eric, a Canadian citizen, residing at 5043 Nolan Road N.W., Calgary, Alberta, Canada, T2K 2N9;

PETELA, Grazyna, a Canadian citizen residing at 152 Ranch Estates Drive N.W., Calgary, Alberta, Canada, T3G 1K4;

SAUNDERS, Randall E., 215 Lampard Crescent, Red Deer, Alberta, Canada, T4R 2W5;
and

WILLIAMSON, Mark, #44, 26540 Hwy 11, Red Deer County, Alberta, Canada, T4E 1A3

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:

"Improved Industrial Furnace"


for which **Leslie Wilfred Benum** executed an application for a United States Patent dated the 11th day of July, 2013; **Eric Clavelle** executed an application for a United States Patent dated the 18th day of June, 2013; **Grazyna Petela** executed an application for a United States Patent dated the 19th day of July, 2013; **Randall E. Saunders** executed an application for a United States Patent dated the 24th day of June, 2013; and **Mark Williamson** executed an application for a United States Patent dated the 24th day of June, 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 Red Deer, in the Province of Alberta, this 11th day of July, 2013.

WITNESS:


Marilee J. Murgatroyd
Barrister and Solicitor


Leslie Wilfred Benum

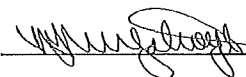
AFFIDAVIT OF EXECUTION

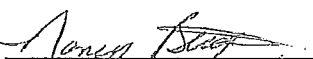
I, Marilee June Murgatroyd, whose full post office address is c/o ^{Chapman Riebreck LLP,} **NOVA Chemicals** Corporation, 2928-46 Street NE, Calgary, Alberta, Canada, T2E 7K7, ²⁴⁴ T4N 1X5
306, 4808 Ross Street, Red Deer

MAKE OATH AND SAY:

That I was personally present and did see **Leslie Wilfred Benum** 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 Red Deer, in the Province)
of Alberta, this 11th day of)
July, 2013)




A Notary Public in and for the
Province of Alberta **NANCY A. BERGSTROM**
A Notary Public in and
for the Province of Alberta.
My Appointment does not

SIGNED in the City of Calgary, in the Province of Alberta, this 18th day of June, 2013.

WITNESS:

Kim Overland

[Signature]
Eric Clavelle

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 **Eric Clavelle** 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 15 day of)
July, 2013)

[Signature]

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 Province of Alberta, this 19th day of July, 2013.

WITNESS:

Trevor Folt

[Signature]
Grazyna Petela

AFFIDAVIT OF EXECUTION

I, *Trevor Folt*, 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 **Grazyna Petela** 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 25 day of)
July, 2013)

Trevor Folt

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 Province of Alberta, this 24th day of June, 2013.

WITNESS:

Kim Overland

R. E. Saunders
Randall E. Saunders

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 **Randall E. Saunders** 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 25 day of
July, 2013)

Kim Overland

Carolyn 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 Province of Alberta, this 24th day of June, 2013.

WITNESS:

Kim Overland

Mark Williamson
Mark Williamson

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 **Mark Williamson** 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 25 day of
July, 2013)

Kim Overland

Carolyn Hoff

A Notary Public in and for the
Province of Alberta

CAROLYN ANN HOFF
My Appointment Expires December 31, 2014