503314336 05/20/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT3360954

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PETER ZORICAK	03/13/2015
STEPHEN JOHN BROWN	03/13/2015
P SCOTT CHISHOLM	03/13/2015

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:	14443838

CORRESPONDENCE DATA

Fax Number: (412)490-4359

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.

Phone: 412-490-4323

Email: Karen.Lockhart@novachem.com

NOVA CHEMICALS INC./KAREN S. LOCKHART **Correspondent Name:**

Address Line 1: WESTPOINTE CENTER

Address Line 2: 1555 CORAOPOLIS HEIGHTS ROAD

Address Line 4: MOON TOWNSHIP, PENNSYLVANIA 15108

ATTORNEY DOCKET NUMBER: 2012 030 PCT/USA-NONP **NAME OF SUBMITTER:** KAREN S. LOCKHART /karen s lockhart/ SIGNATURE: **DATE SIGNED:** 05/20/2015

Total Attachments: 2

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> **PATENT REEL: 035676 FRAME: 0282** 503314336

ASSIGNMENT

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

Peter Zoricak, a Canadian citizen, residing at 111 Hawkwood Blvd. N.W., Calgary, Alberta. Canada, T3G 2X7;

Stephen John Brown, a Canadian citizen, residing at 157 Mount Sparrowhawk Place S.E., Calgary, Alberta, Canada, T2Z 2G7; and

P. Scott Chisholm, a Canadian citizen, residing at 4927 Batchelor Crescent N.W., Calgary, Alberta, Canada, T2L 1S8;

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:
"Continuous Ethylene Tetramerization Process"
for which Peter Zoricak executed an application for a United States Patent dated the 13 day of day of dated the 13 day of day of dated the 13 day of day of March., 2015; and P. Scott Chisholm executed an application for a United States Patent dated the 13 day of March., 2015.
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 3 day of March, 2015. WITNESS: Peter Zoricak
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 Peter Zoricak 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 134 day of 2015

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A Notary Public in and for the Province of Alberta

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SIGNED in the City of Calgary, in the Province of Alberta, thisday of, 2015.
WITNESS: / Stephen John Brown
AFFIDANT OF EVECUTION
AFFIDAVIT OF EXECUTION I,
MAKE OATH AND SAY:
That I was personally present and did see Stephen John Brown 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 13 st day of Alberta, 2015
A Notary Public in and for the Province of Alberta
SIGNED in the City of Calgary, in the Province of Alberta, this 13 day of MAND COT , 2015. WITNESS: P. Dell Olale
SIGNED in the City of Calgary, in the Province of Alberta, this 13 day of MARLON, 2015. WITNESS: P. Scott Chisholm
WITNESS:
WITNESS: P. Scott Chisholm AFFIDAVIT OF EXECUTION I, Aim Overland, whose full post office address is c/o NOVA Chemicals Corporation, 2928 - 16 Street NE, Calgary, Alberta, Canada, T2E 7K7
WITNESS: P. Scott Chisholm AFFIDAVIT OF EXECUTION I, Aim 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 P. Scott Chisholm who is personally known to me to be

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PATENT REEL: 035676 FRAME: 0284