503797453 04/25/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3844100

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
QINYAN WANG	04/30/2015
SAVINI UDARA SUDUWELI KONDAGE	06/10/2015
MARK KELLY	05/04/2015
AMY MARIE BALTIMORE	04/29/2015
JESSAMYN ROSS LOGAN	05/05/2015
TYLER CRAIG	06/24/2015

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:	15137241

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:**

1555 CORAOPOLIS HEIGHTS ROAD Address Line 1:

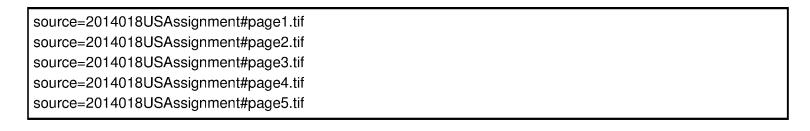
Address Line 4: MOON TOWNSHIP, PENNSYLVANIA 15108

ATTORNEY DOCKET NUMBER:	2014 018 USA-NONP
NAME OF SUBMITTER:	KAREN S. LOCKHART
SIGNATURE:	/karen s lockhart/
DATE SIGNED:	04/25/2016

Total Attachments: 5

PATENT REEL: 038367 FRAME: 0140

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PATENT REEL: 038367 FRAME: 0141

WORLD WIDE ASSIGNMENT

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

WANG, Qinyan, a Canadian citizen residing at 214 Schubert Place N.W., Calgary, Alberta, Canada, T3L 1W6;

KONDAGE, Savini Udara Suduweli, a Canadian citizen residing at 12 Coledale Close, Endeavour Hills, Victoria, Australia, 3802;

KELLY, Mark, a Canadian citizen residing at 118 Meadow Brook Bay, Airdrie, Alberta, Canada, T4A 2B3;

BALTIMORE, Amy Marie, a Canadian citizen residing at Suite 3312, 20 Harvest Rose Park N.E., Calgary, Alberta, Canada, T3K 4Z1;

LOGAN, Jessamyn Ross, a Canadian citizen residing at 114 Cranberry Sq. S.E., Calgary, Alberta, Canada, T3M 1J6; and

CRAIG, Tyler, a Canadian citizen residing at #505 1088 Richards Street, Vancouver, B.C., Canada, V6B 0J8,

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:

"PROCESS FOR POLYMERIZATON USING DENSE AND SPHERICAL ZIEGLER-NATTA TYPE 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 <u>30</u> day of _

WITNESS: Lim OULUM /	Qinyan Wang
AFFIDAVIT C	OF EXECUTION
I,, whose function, 2928 - 16 Street NE, Calgary, Albert	ıll post office address is c/o NOVA Chemicals a, Canada, T2E 7K7
MAKE OATH AND SAY:	
That I was personally present and did see Qinya person named in the attached assignment duly s	an Wang who is personally known to me to be the signed and execute the same.

Sun Overland

A Notary Public in and for the

SWORN before me at the City)

of Calgary, in the Province of Alberta, this 50 day of

Province of Alberta CAROLYN ANN HOFF My Appointment Expires December 31,

2015

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PATENT REEL: 038367 FRAME: 0142

SIGNED in the City of Dandennin the Country of Dourse, this Way of Tune, 2015.
WITNESS:
Sec.
. Savini Udara Suduweli Kondage
AFFIDAVIT OF EXECUTION
1, Pamelu Leone Andodon,, whose full post office address is 13 Scoth
Street Dandening Victoria
MAKE OATH AND SAY:
That I was personally present and did see Savini Udara Suduweli Kondage 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 Double this 10 day of) Notary Public 13 Scott St. Dandenong Victoria Australia
Alan George Roberts Notary Public 13 Scott St. Dandenong Victoria Australia
SIGNED in the City of Calgary, in the Province of Alberta, this day of, 2015. WITNESS:
Mark Kelly
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 Mark Kelly 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 day of
A Notary Public in and for the Province of Alberta

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SIGNED in the City of	_, in the Country of	, this day of	, 2015
WITNESS:			
	Sav	rini Udara Suduweli Kor	udage
	AFFIDAVIT OF EXE	CUTION	
I,	, whose full post o	ffice address is	
MAKE OATH AND SAY:			<u> </u>
That I was personally present and known to me to be the person nar same.	l did see Savini Udara ned in the attached as	Suduweli Kondage who signment duly signed and	is personally execute the
SWORN before me at the City) of, in the Country) of, this day of), 2015)			 .
A Notary Public			
SIGNED in the City of Calgary, in the WITNESS:	•	this Lay of Manager Mark Kelly	V
	AFFIDAVIT OF EXEC		
I, <u>Aim Overland</u> Corporation, 2928 - 16 Street NE, C			Chemicals
MAKE OATH AND SAY:			
That I was personally present and person named in the attached ass	did see Mark Kelly wl ignment duly signed ar	no is personally known to nd execute the same.	me to be the
SWORN before me at the City) of Calgary, in the Province of Alberta, this day of May, 2015 A Notary Public in and for the Province of Alberta		Lini Owalar	
CAROLYN ANN HOFF My Appointment Expires December 31,	. t		

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PATENT REEL: 038367 FRAME: 0144

SIGNED in the City of Calgary, in the Province of Alberta, this day of horizontal day of 2015.
WITNESS: Amy Marie Baltimore
AFFIDAVIT OF EXECUTION I,
MAKE OATH AND SAY:
That I was personally present and did see Amy Marie Baltimore 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 5 ^{rt} day of ———————————————————————————————————
SIGNED in the City of Calgary, in the Province of Alberta, this 55 day of May, 2015. WITNESS: Jessamyn Ross Logary
AFFIDAVIT OF EXECUTION
I, AMY BALTIMORE, 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 Jessamyn Ross Logan 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 S day of MOLL, 2015
A Notary Public in and for the Province of Alberta

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REEL: 038367 FRAME: 0145

SIGNED in the City of Vancouver, in the Province of British Columbia, this 24 day of June, 2015.
WITNESS: The following structure of the
AFFIDAVIT OF EXECUTION
I, WENDY FULLER, whose full post office address is 1333 HOMER ST
- VANCOUVER BC, VGB 549
MAKE OATH AND SAY:
That I was personally present and did see Tyler Craig 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 Vancouver, in the Province) of B.C., this 21 day of) June 1, 2015) WEND 9 FULLAL
A Notary Public
LEONARD ATWOOD Notary Public \ 1333 Homer Street Vancouver, B.C. V6B 5M9 604-569-2379

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REEL: 038367 FRAME: 0146