503554332 11/04/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3600959

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------------------|----------------|
| FAZLE SIBTAIN | 10/19/2015 |
| CHRISTOPHER JOHN BROOKE DOBBIN | 10/08/2015 |
| KENNETH EDWARD TAYLOR | 10/15/2015 |
| HAMIDREZA KHAKDAMAN | 10/08/2015 |
| XIAOCHUAN WANG | 10/08/2015 |
| TIEQI LI | 10/23/2015 |

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: | 14918964 |

CORRESPONDENCE DATA

Fax Number: (412)490-4323

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: | 2015 060 USA-NONP |
|-------------------------|--------------------|
| NAME OF SUBMITTER: | KAREN S. LOCKHART |
| SIGNATURE: | /karen s lockhart/ |
| DATE SIGNED: | 11/04/2015 |

Total Attachments: 4

PATENT REEL: 036958 FRAME: 0184

503554332

source=2015060USAssignment#page1.tif
source=2015060USAssignment#page2.tif
source=2015060USAssignment#page3.tif
source=2015060USAssignment#page4.tif

PATENT REEL: 036958 FRAME: 0185

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, NON 1C0;

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

WANG, XIAOCHUAN, a Canadian citizen, residing at 102 Royal Elm Way NW, Calgary, Alberta, Canada, T3G 5P7; and

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

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:

"ROTOMOLDED ARTICLES"

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 OCTUBER, 2015.

WITNESS3

FAZLE SIBTAIN

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 **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 day of Output, 2015

A Notary Public in and for the Province of Alberta

O:\Scott\SCAssign-unsigned\2015060WWJTasgn.docx

| SIGNED in the City of Calgary, in the Province of Alberta, this aday of |
|--|
| WITNESS: / |
| CHRISTOPHER JOHN BROOKE DOBBÍN |
| 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 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 II day of) October , 2015) |
| A Notary Public in and for the Province of Alberta |
| CAROLYN ANN HOFF My Appointment Expires December 31, |
| SIGNED in the City of Samia, in the Province of Ontario, this 15 day of October, 2015. |
| WITNESS: Ku Tayh KENNETH EDWARD TAYLOR |
| AFFIDAVIT OF EXECUTION |
| 1, ELEN VAN DINGHERWhose full post office address is c/o NOVA Chemicals Corporation, 1086 MODELAND KO, BUDG 1040 SAUTE 101, SARWIA, DN N75662 |
| 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 Samia, in the Province of Ontario, this light day of October, 2015 A Notary Public in and for the |
| Province of Ontario |

H:\Scott\SCAssign-unsigned\2015060\WWJTasgn.docx

| SIGNED in the City of Calgary, in the Province of Alberta, this day of October., 2015. |
|--|
| WITNESS: // |
| Hun Overland Hamidreza Khakdaman |
| AFFIDAVIT OF EXECUTION |
| I,, whose full post office address is c/o NOVA Chemicals Corporation, 2926 - 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 9/2 day of Calgary, in the Province of Alberta, 2015 |
| CAROLYN ANN HOFF My Appointment Expires December 31, 2017 |
| SIGNED in the City of Calgary, in the Province of Alberta, this 2 day of 6 day of 2015. |
| WITNESS: Win Qualant Xiaochuan Wang XIAOCHUAN WANG |
| 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 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 910 day of Clumber 2015 A Notary Public in and to the Province of Alberta |
| The second secon |

CAROLYN ANN HOFF My Appointment Expires December 31, 2017

H:\Scott\SCAssign-unsigned\2015060WWJTasgn.docx

| SIGNED in the City of Calgary, in the Province of Alberta, this 23 day of October, 2015. |
|--|
| WITNESS: // |
| Aum Mulm Jiegi Ri TIEQI LI |
| / 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 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 Act day of Octobra, 2015 |
| Province of Alberta |
| \lor |

O:\Scott\SCAssign-unsigned\2015060WWJTasgn.docx

PATENT REEL: 036958 FRAME: 0189

RECORDED: 11/04/2015