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U.S. PTO

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U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

103633461

RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

PETER PHUNG MINH HOANG, PATRICK LAM, VICTORIA KER, BENJAMIN MILTON SHAW and CLIFF ROBERT BAAR

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) AUG 16, 16, 16, 18 & 18, 2011, resp

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Joint Research Agreement
- ☐ Government Interest Assignment
- ☐ Executive Order 9424, Confirmatory License
- ☐ Other _____

2. Name and address of receiving party(ies)

Name: NOVA Chemicals (International) S.A.

Internal Address: _____

Street Address: Avenue de la Gare 14

City: 1700 Fribourg

State: _____

Country: Switzerland

Zip: _____

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s)

☒ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Kenneth H Johnson

Internal Address: _____

Street Address: P. O. Box 630708

City: Houston

State: Texas

Zip: 77263

Phone Number: 713 780-7047

Fax Number: 713 780-7671

Email Address: kenneth-h-johnson@sbcglobal.net

6. Total number of applications and patents involved: _____

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

- ☐ Authorized to be charged to deposit account
- ☒ Enclosed
- ☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized User Name _____

9. Signature:

Signature

KENNETH H JOHNSON

Name of Person Signing

09/01/2011
Date

Total number of pages including cover sheet, attachments, and documents: 4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450
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PATENT

REEL: 027082 FRAME: 0646

ASSIGNMENT

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

HOANG, Peter Phung Minh, a Canadian citizen residing at 78 Hamptons Heights N.W., Calgary, Alberta, Canada, T3A 5W1;

LAM, Patrick, a Canadian citizen, residing at 186 Edgeview Drive N.W., Calgary, Alberta, Canada, T3A 4X4;

KER, Victoria, a Malaysian citizen, residing at 120 Harvest Hills Drive N.E., Calgary, Alberta, Canada, T3K 3X4;

SHAW, Benjamin Milton, a Canadian citizen residing at 8 Quentin Place S.W., Calgary, Alberta, Canada, T2T 6C5; and

BAAR, Cliff Robert, a Canadian citizen residing at 7 Royal Oak Green N.W., Calgary, Alberta, Canada, T3G 5L9;

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:

"Methods for Controlling Ethylene Copolymer Properties"

for which **HOANG, Peter Phung Minh** executed an application for a United States Patent dated the 16th day of August, 2011; **KER, Victoria** executed an application for a United States Patent dated the 16th day of August, 2011; **LAM, Patrick** executed an application for a United States Patent dated the 16th day of August, 2011; **SHAW, Benjamin Milton** executed an application for a United States Patent dated the 19th day of August, 2011; and **BAAR, Cliff Robert** executed an application for a United States Patent dated the 18 day of August, 2011.

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 16th day of August, 2011.

WITNESS:

Kim Overland

Peter Phung Minh Hoang
Peter Phung Minh Hoang

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 **Peter Phung Minh Hoang** 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 22 day of)
August, 2011.)

Kim Overland

Simon Foster

A Notary Public in and for the
Province of Alberta

PATENT

REEL: 027082 FRAME: 0647

SIGNED in the City of Calgary, in the Province of Alberta, this 16th day of August, 2011.

WITNESS:

Kim Overland

Patrick Lam

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 Patrick Lam 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 22 day of
August, 2011

Heaven Frost

A Notary Public in and for the
Province of Alberta

Kim Overland

SIGNED in the City of Calgary, in the Province of Alberta, this 16th day of August, 2011.

WITNESS:

Kim Overland

Victoria Ker

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 Victoria Ker who is personally known to me to be the person named in the attached assignment duly sign and execute the same.

SWORN before me at the City
of Calgary, in the Province
of Alberta; this 22 day of
August, 2011

Heaven Frost

A Notary Public in and for the
Province of Alberta

Kim Overland

SIGNED in the City of Calgary, in the Province of Alberta, this 19 day of August 2011.

WITNESS:

Kim Overland

Benjamin Milton Shaw
Benjamin Milton Shaw

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 Benjamin Milton Shaw who is personally known to me to be the person named in the attached assignment duly sign and execute the same.

SWORN before me at the City of Calgary, in the Province of Alberta, this 22 day of August, 2011

Kevin J. [Signature]
A Notary Public in and for the Province of Alberta

Kim Overland

SIGNED in the City of Calgary, in the Province of Alberta, this 18 day of August 2011.

WITNESS:

Kim Overland

Cliff Robert Baar
Cliff Robert Baar

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 Cliff Robert Baar 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 22 day of August, 2011

Kevin J. [Signature]
A Notary Public in and for the Province of Alberta

Kim Overland

PATENT

RECORDED: 09/16/2011

REEL: 027082 FRAME: 0649