

03-31-2008

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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)

XIAOLIANG GAO, CHARLES ASHTON GARRETT CARTER,
LIANGYOU FAN and LEE DOUGLAS HENDERSON

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

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

Execution Date(s) 03/11/2008

- ☒ 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):

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

A. Patent Application No.(s)

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: 77363

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

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

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Signature

03/19/2008

Date

KENNETH H JOHNSON

Name of Person Signing

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

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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U.S. PTO
12/077565
03/20/2008

U.S.A. Joint Inventors

ASSIGNMENT

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

Xiaoliang Gao, a Canadian citizen residing at 811 Edgemont Road N.W., Calgary, Alberta, Canada, T3A 2J1;

Charles Ashton Garret Carter, a Canadian citizen residing at 142 Hidden Creek Road N.W., Calgary, Alberta, Canada, T3A 6L7;

Liangyou Fan, a Canadian citizen residing at 39 Hamptons Terrace N.W., Calgary, Alberta, Canada, T3A 5X5; and

Lee Douglas Henderson, a Canadian citizen residing at 65 Citadel Circle N.W., Calgary, Alberta Canada, T3G 4B9.

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:

"Amino Phosphine"

for which **Xiaoliang Gao** executed an application for a United States Patent dated the 11th day of March, 2008; **Charles Ashton Garret Carter** executed an application for a United States Patent dated the 11th day of March, 2008; **Liangyou Fan** executed an application for a United States Patent dated the 11th day of March, 2008; and **Lee Douglas Henderson** executed an application for a United States Patent dated the 11th day of March, 2008.

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 11th day of March, 2008.

WITNESS:

Marian Hanson

Xiaoliang Gao
Xiaoliang Gao

AFFIDAVIT OF EXECUTION

I, Marian Hanson, 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 **Xiaoliang Gao** 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)

SIGNED in the City of Calgary, in the Province of Alberta, this 11 day of March, 2008.

WITNESS:

P. Scott Chisholm

Charles Ashton Garret Carter
Charles Ashton Garret Carter

AFFIDAVIT OF EXECUTION

I, P. Scott Chisholm, 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 Charles Ashton Garret Carter 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 12th day of)
March, 2008)

P. Scott Chisholm

Kevin Lott

A Notary Public in and for the
Province of Alberta

SIGNED in the City of Calgary, in the Province of Alberta, this 11th day of March, 2008.

WITNESS:

Marian Hanson

Liangyou Fan
Liangyou Fan

AFFIDAVIT OF EXECUTION

I, Marian Hanson, 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 Liangyou Fan 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 12th day of)
March, 2008)

Marian Hanson

SIGNED in the City of Calgary, in the Province of Alberta, this 11th day of March, 2008.

WITNESS:

Marian Hanson

Lee Douglas Henderson
Lee Douglas Henderson

AFFIDAVIT OF EXECUTION

I, Marian Hanson, 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 **Lee Douglas Henderson** 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 12th day of)
March, 2008)

Marian Hanson

Heaven Light
A Notary Public in and for the
Province of Alberta