

RECORDATION FORM COVER SHEET
PATENTS ONLY

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

1. Name of conveying party(ies)/Execution Date(s):

- 1. Raphael IDEM - June 20, 2008
- 2. Paitoon TONTIWATCHWUTHIKUL- June 20, 2008
- 3. Chintana SAIWAN - 12/14/2011
- 4. Teeradet SUPA - June 17, 2008
- 5. Rurachet PITIPUECH - June 17, 2008

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

2. Name and address of receiving party(ies):

NAME: **The University of Regina**

ADDRESS: University-Industry Liaison Office
University of Regina, , Regina,
Saskatchewan, S4S 0A8 Canada

3. Name of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other

Additional name(s) & addresses(es) attached?
 Yes No

4. Application number(s) or patent number(s): This document is being filed together with a new application

A. Patent Application No.(s)

12/273,776

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name:
Address: Rothwell, Figg, Ernst & Manbeck
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Attorney Docket No. : 3497-102

6. Total number of applications and patents involved: 5

7. Total fee (37 CFR 3.41): . . . \$ 40

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

8. Deposit account number: 02-2135

Authorized User Name Robert B. Murray

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9. Signature.

/Robert B. Murray/

December 19, 2011

Signature

Date

Robert B. Murray

Name of Person Signing

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

CH \$40.00 022135 12273776

Rothwell, Figg, Ernst & Manbeck, P.C.

Attorney Docket No. 3497-102

**ASSIGNMENT BY INVENTOR(S) OF PATENT APPLICATION
FOR THE UNITED STATES OF AMERICA**

BE IT KNOWN THAT, for good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR(S)) by

Name: The University of Regina

Address: University-Industry Liaison Office, University of Regina, Regina, Saskatchewan, S4S 0B8A, Canada

(hereinafter ASSIGNEE),

the receipt and adequacy of which is hereby acknowledged, ASSIGNOR(S) hereby sell(s), assign(s) and transfer(s) to ASSIGNEE all of his/her right, title and interest in, to and under the invention and application entitled: Method for Inhibiting Amine Degradation During CO₂ Capture from a Gas Stream

for which application for Letters Patent of the United States ASSIGNOR(S) is/are the sole or a joint inventor and which application is identified herein and/or is further identified as follows

U.S. Serial No.12/273,776.: Filing Date: November 19, 2008

(Rothwell, Figg, Ernst & Manbeck is hereby authorized to insert the series code, serial or application number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted, including all rights to recover damages for any and all past infringement; and

ASSIGNOR(S) agree(s) to execute all papers necessary in connection with said application and any continuing, divisional, reissue or reexamination applications thereof and to execute separate assignments in connection with such applications as ASSIGNEE may deem necessary.

ASSIGNOR(S) agree(s) to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue, reexamination or extension thereof or Letters Patent, reissue patent or reexamination certificate issued thereon, and all rights connected therewith, and to cooperate with ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

ASSIGNOR(S) covenant(s) that he/she has the full right to convey the entire interest herein assigned and has not executed, and will not execute, any agreement in conflict herewith.

ASSIGNOR(S) acknowledge(s) that ASSIGNEE may appoint any attorney or practitioner of ASSIGNEE's choice to prosecute any application or other legal proceeding involving said invention and ASSIGNOR(S) further acknowledge(s) that any attorney or practitioner so appointed by ASSIGNEE does not represent ASSIGNOR(S) and that such appointment by ASSIGNEE does not create any attorney-client relationship between ASSIGNOR(S) and any attorney or practitioner appointed by ASSIGNEE.

IN WITNESS WHEREOF, the undersigned ASSIGNOR(S) has/ have affixed his/her signature below.

Inventor Signature: <i>Chintana Saiwan</i>	Date: <i>December 14, 2011</i>
Typed or Printed Name: <i>Chintana Saiwan</i>	

WITNESS(ES) (optional):

Signature of Witness: <i>KUTIPAT SIEMANOND</i>	Date: <i>Dec 14, 2011</i>
Typed Name: <i>KUTIPAT SIEMANOND</i>	

NO LEGALIZATION REQUIRED. THIS DOCUMENT MAY BE NOTARIZED IF DESIRED FOR FURTHER PROOF OF EXECUTION.

**PATENT
REEL: 027472 FRAME: 0782**

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00), paid to us, and other valuable consideration, the receipt of all of which is hereby acknowledged, we, **Raphael Idem, Paitoon Tontiwachwuthikul, Chintana Saiwan, Teeradet Supap and Purachet Pitipuech** and whose addresses are 2847 Kutarna Crescent, Regina, Saskatchewan, S4V 0S9, Canada; 862 McNiven Avenue, Regina, Saskatchewan, S4S 2V2, Canada; 198/4 Vudtakad Road, Budtakad 16, Bangkok, 10600, Thailand; 98 Patterson Drive, Regina, Saskatchewan, S4S 3W9, Canada and 828 McNiven Avenue, Regina, Saskatchewan, S4S 2V2, Canada, respectively, do hereby confirm that we have sold and assigned, and do hereby sell and assign to The University of Regina, whose address is University-Industry Liaison Office, University of Regina, Regina, Saskatchewan, S4S 0A2, Canada, as assignee, all of our right, title and interest, for Canada and the United States of America and all other countries in and to an invention entitled:

METHOD FOR INHIBITING AMINE DEGRADATION DURING CO₂ CAPTURE FROM A GAS STREAM

as described and illustrated in United States provisional patent application number 60/989,269 filed November 20, 2007, and all our right, title and interest in and to said patent application and in and to any divisions, continuations, continuations-in-part, and in and to any patents that may be granted for said invention and in and to any additions or modifications to said invention.

We agree that we will without further consideration do all such things and execute all such documents as may be necessary or desirable to obtain and maintain patents for said invention and for additions and modifications thereto in any and all countries, and to vest title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We confirm that we have authorized and empowered said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said invention or for additions and modifications thereto, filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

The undersigned hereby grant the firm of Bereskin & Parr (Box 401, 40 King Street West, Toronto, Ontario, Canada M5H 3Y2) the power to insert on this assignment any further identification which may be necessary or desirable in

order to comply with the rules of the United States Patent and Trademark Office or other Patent Offices in the world for recordation of this document.

EXECUTED, at Regina, Saskatchewan, this 20 day of June, 2008.

[Signature]
Witness

[Signature]
Raphael Idem

EXECUTED, at REGINA, SASKATCHEWAN, this 20 day of JUNE, 2008.

[Signature]
Witness

[Signature]
Paitoon Tontiwathwuthikul

EXECUTED, at _____, _____, this _____ day of _____, 2008.

Witness

Chintana Saiwan

EXECUTED, at University of Regina Regina, SK, this 17 day of June, 2008.

[Signature] [Signature]
Pinna Insirawan/el
Witness

[Signature]
Teeradet Supap

EXECUTED, at University of Regina, Regina, SK, this 17 day of
June, 2008.

[Signature]
Witness

Purachet Pitipuech
Purachet Pitipuech

EXECUTED, at REGINA, SASKATCHEWAN, this 24th day of
JULY, 2008.

Witness

[Signature]
~~BAILEY~~ BAILEY
The University of Regina
Name: IAN BAILEY
Title: DIRECTOR