

5 PAGES SENT BY FACSIMILE December 27, 2006 TO 571 273 0140

Dowell & Dowell Fax No. 703 415 2559

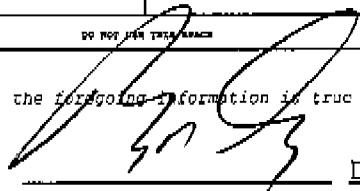
FORM PTO-1595 (REV. 6-93)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

RECORDATION FORM COVER SHEET PATENTS ONLY

Our Docket No.: 15520

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies) and execution date: Ying Zheng 8/17/06 Jinyu Jiao 8/18/06 Qikai Zhang 8/17/06 Guogang Sun 9/28/06</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies) Individual Name: and/or Company Name: University of New Brunswick Street Address: P.O. Box 4400 City: Fredericton, New Brunswick State: Canada Zip: E3B 5A3</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance: <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input checked="" type="checkbox"/> Other <u>change of address</u></p>	
<p>4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: <u>Rotary Gas Cyclone Separator</u> Title: A. Patent Application No. (s) 11/508,327 B. Patent No. (s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Ralph A. Dowell</u> Internal Address: _____ _____ Street Address: <u>Suite 406,</u> <u>2111 Eisenhower Avenue</u> <u>Alexandria, VA 22314</u> <u>(703) 415-2555</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37CFR 3.41).....\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: <u>04-1577</u> <small>(Attach duplicate copy of this page if paying by deposit account)</small></p>
<p>9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</p> <p><u>Ralph A. Dowell 26,868</u>  <u>December 27, 2006</u> <small>Name of Person signing</small> <small>Signature</small> <small>Date</small></p> <p>Total number of pages including cover sheet, attachments and document: <u>26</u></p>	

Mail documents to be recorded with required cover sheet information to: Commission of Patent & Trademarks, Box Assignments Washington, D.C. 20231

CH \$40.00 041577 11508327

FILE NO. 425-001-P

WORLDWIDE ASSIGNMENT

WE, Ying ZHENG, Jinyu JIAO, Qikai ZHANG and Guogang SUN whose full post office addresses are; 99 New Maryland Hwy., New Maryland, NB E3C 1H6, Canada, 81B Cliffe Street, Fredericton, NB E3A 2S9, Canada, 99 New Maryland Hwy., New Maryland, NB E3C 1H6 and Division of Petrochemical Process & Equipment, Institute of Chemical Engineering, University of Petroleum, Beijing, P.R. China, P.O. Box 902 Beijing 100083, China, respectively; have invented "**ROTARY GAS CYCLONE SEPARATOR**" for which the United States patent application was filed:

Filing Date: **August 23, 2006**Serial No. **11/508,327**

in consideration of Two Dollars (\$2.00) paid to us, the receipt and sufficiency of which is hereby acknowledged, and other good and valuable consideration, **WE** by these presents confirm that **WE** have sold, transferred and assigned and do hereby sell, transfer and assign to **UNIVERSITY OF NEW BRUNSWICK**, whose full post office address is Saint John, Room A11, Annex A, 100 Tucker Park Road, P.O. Box 5050, Saint John, NB E2L 4L5, Canada, its successors and assigns or nominees, all **OUR** rights, title and interest in the United States, and all other countries of the world in and to **OUR** invention as fully described and claimed in the United States patent application, and **WE** sell, assign and transfer to **UNIVERSITY OF NEW BRUNSWICK**, all **OUR** rights to apply for patent on said invention in the United States, and all other countries of the world including any and all divisions, continuations, continuation-in-part, re-examinations, renewals, reissues and/or extensions thereof, and all **OUR** corresponding rights, title and interest in and to any patent which may issue therefor in the United States, and all other countries of the world.

AND WE UNDERTAKE to sign such further documents to effect the aforesaid sale, assignment and transfer as may be required from time to time, without reimbursement, but at the expense of **UNIVERSITY OF NEW BRUNSWICK**.

AND WE authorize **HILL & SCHUMACHER**, Patent and Trademark Agents, of 87 Falcon Street, Toronto, Ontario M4S 2P4 to enter the Serial No. of the U.S. patent application.

SIGNED AT (City/Town) Fredericton, this 17th day of August, 2006.

Ying Zheng
Ying ZHENG

DECLARATION OF WITNESS

I, Zhengliang Liu whose full post office address is E-729 IRVINE ST, FREDERICTON NB, E3A 3E5, hereby declare that I was personally present and did see Ying ZHENG who is personally known to me to be the person named in the above assignment duly sign and execute the same.

DECLARED at (City/Town) Fredericton, this 17th day of August, 2006.

Liu Zhengliang
(Signature of Witness)

SIGNED AT (City/Town) Fredericton, this 18th day of August, 2006

Jinyu Jiao
Jinyu JIAO

DECLARATION OF WITNESS

I, Zhengliang Liu whose full post office address is E-729 IRVINE ST, FREDERICTON NB E3A 3E5, hereby declare that I was personally present and did see Jinyu JIAO who is personally known to me to be the person named in the above assignment duly sign and execute the same.

DECLARED at (City/Town) Fredericton, this 18th day of August, 2006.

Liu Zhengliang
(Signature of Witness)

SIGNED AT (City/Town) Fredericton, this 17th day of Aug, 2006.

[Signature]
Qikai ZHANG

DECLARATION OF WITNESS

I, Zheng Wang Liu whose full post office address is E-729 IRVING ST, FREDERICTON NB E3A 3E1, hereby declare that I was personally present and did see Qikai ZHANG who is personally known to me to be the person named in the above assignment duty sign and execute the same.

DECLARED at (City/Town) Fredericton, this 17th day of August, 2006.

[Signature]
(Signature of Witness)

SIGNED AT (City/Town) Beijing P.R. China this 29 day of Sept, 2006

[Signature]
Guogang SUN

DECLARATION OF WITNESS

I, Shuang YAN whose full post office address is 102/205 Wuxiuyuan, Beijing University, Beijing, China hereby declare that I was personally present and did see Guogang SUN who is personally known to me to be the person named in the above assignment duty sign and execute the same.

DECLARED at (City/Town) Beijing, China, this 29 day of Sept, 2006.

[Signature]
(Signature of Witness)

SIGNED AT (City/Town) *Fredericton, NB*, this *20* day of *August*, 2006.

UNIVERSITY OF NEW BRUNSWICK

G S Kealey
Name: *G S Kealey*
Title: *VP Research*

DECLARATION OF WITNESS

I, *Renée Audet-Martel*, whose full post office address is *UNB, P.O. Box 4400, Fredericton NB E3B 5A3*, hereby declare that I was personally present and did see *Gregory S. Kealey* of UNIVERSITY OF NEW BRUNSWICK, who is personally known to me to be the person named in the above assignment duly sign and execute the same.

DECLARED AT (City/Town) *Fredericton NB*, this *22* day of *August* 2006.

Renée Audet-Martel
(Signature of Witness)