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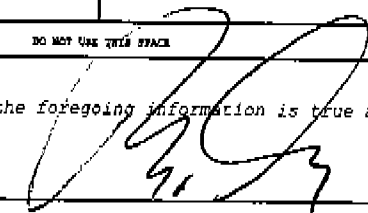
FORM PTO-1595
(REV. 6-93)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

Our Docket No.: 14196

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

1. Name of conveying party(ies) and execution date: David M. Antonelli 3/21/06 Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies) Individual Name: and/or Company Name: UNIVERSITY OF WINDSOR Street Address: 401 Sunset Avenue, Room 503, Chrysler Hall Tower City: Windsor, Ontario State: Canada Zip: N9B 3P4 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____			
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: _____ Title: METALLIC MESOPOROUS TRANSITION METAL OXIDE MOLECULAR SIEVES, ROOM TEMPERATURE ACTIVATION OF DINITROGEN AND AMMONIA PRODUCTION A. Patent Application No. (s) 10/302,987 B. Patent No. (s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Ralph A. Dowell Internal Address: _____ Street Address: Suite 406, 2111 Eisenhower Avenue Alexandria, VA 22314 (703) 415-2555		6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37CFR 3.41).....s <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account	
		8. Deposit account number: 04-1577 <small>(Attach duplicate copy of this page if paying by deposit account)</small>	
<small>DO NOT USE THIS SPACE</small>			
9. Statement and signature. <i>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.</i> Ralph A. Dowell 26,868  <u>3/21/06</u> <small>Name of person signing</small> <small>Signature</small> <small>Date</small>			
<small>Total number of pages including cover sheet, attachments and document:</small> <u>3</u>			

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

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Mar-21-2008 04:16pm From OFFICE OF THE PRESIDENT

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T-241 P.002/003 T-008

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ASSIGNMENT

WHEREAS, I, David M. Antonelli citizen of the United States of America, residing at 163 Janette Avenue, Windsor, Ontario, N9A 4Y9, Canada (hereinafter referred to as the "Assignor"), have made certain inventions and discoveries disclosed in United States Patent Application Serial No. 10/302,987, entitled METALLIC MESOPOROUS TRANSITION METAL OXIDE MOLECULAR SIEVES, ROOM TEMPERATURE ACTIVATION OF DINITROGEN AND AMMONIA PRODUCTION, filed on November 25, 2002 (hereinafter referred to as the "Application"), claiming priority from Canadian Patent Application Serial No. 2,404,830 filed on October 17, 2002;

AND WHEREAS, UNIVERSITY OF WINDSOR, whose full post office address is 401 Sunset Avenue, Room 503, Chrysler Hall Tower, Windsor, Ontario, N9B 3P4, Canada (hereinafter referred to as the "Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions and discoveries, and in and to the Application inclusive of any and all priority rights derived therefrom for any and all countries in the world, and in and to any and all Letters Patent issuing in any and all countries in the world, to be granted for said inventions and discoveries based on said Application or on patent applications filed in any country claiming priority from said Application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I the Assignor, do hereby sell, assign, transfer, and set over unto the Assignee, its successors and assigns, my entire right, title, and interest in and to the inventions and discoveries disclosed in the Application, and in and to the Application and any continuations or divisions thereof and all priority rights derived therefrom, and in and to any and all patent applications and any continuations or divisions thereof filed in any country claiming priority from the Application, and in and to all Letters Patent which may be granted upon the Application or upon patent applications filed in any and all countries in the world including the United States of America, claiming priority from the Application, and in and to any and all reissues, substitutions, or prolongations thereof; the same to be held and enjoyed by the Assignee for its own use and behoof, and for the use and behoof of its successors and assigns, to the full end of the term or terms for which said Letters Patent, or reissues, substitutions, or prolongations thereof may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made;

AND I hereby agree that, upon request, and without further consideration, but at the expense of the Assignee, I will communicate to the Assignee or its representatives or nominees any facts known to me respecting said inventions and discoveries and testify in any legal proceedings, sign all

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lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths and generally aid the Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said Inventions and discoveries in all countries, and I further agree to execute any and all further papers which may be necessary or desirable to vest or perfect the title of the Assignee, its successors and assigns, in and to said inventions and discoveries, and in and to any and all Letters Patent or reissues thereof which may be granted upon applications in any and all countries in the world.

AND I hereby authorize and request any official whose duty it is to issue patents to issue each and every Letters Patent to be granted upon the aforesaid Applications in any and all countries, and each and every reissue of said Letters Patent, to the Assignee, its successors and assigns, as the assignee of our entire right, title and interest therein, in accordance with this assignment.

THIS assignment made effective as of October 17, 2002.

SIGNED this March 13th day of March, 2006.

[Signature]
WITNESS

[Signature]
DAVID M. ANTONELLI