

10-27-2005

Case No.: 60854US002

REC

:ET

103108536

113255 U.S. PTO
11/24/05

101205

To: The Director of the U.S. Patent and Trademark Office:

Please record the attached document(s) or the new address(es) below.

1. Name of conveying party(ies)

Execution Date(s):

DEBE, Mark K. October 12, 2005
 HENDRICKS, Susan M. October 12, 2005
 VERNSTROM, George D. October 12, 2005
 SCHMOECKEL, Alison K. October 12, 2005
 ATANASOSKI, Radoslav October 12, 2005
 HAMILTON JR., Clayton V. October 12, 2005

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

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

3M Innovative Properties Company
 P.O. Box 33427
 St. Paul, Minnesota 55133-3427

Additional name(s) of receiving party(ies) 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: Philip Y. Dahl
 Office of Intellectual Property Counsel
 3M Innovative Properties Company
 Phone Number: 651-737-4029
 Fax Number: 651-736-3833

32692

Customer Number

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR §§ 1.21(h) & 3.41):

\$40.00

☐ Enclosed
☒ Authorized to be charged to deposit account

8. Payment Information:

Deposit Account Number: 13-3723

Authorized User Name: Philip Y. Dahl

9. Signature:

Printed Name of Attorney/Agent:
 Philip Y. Dahl
 Registration No.: 36,115

Signature

Date: October 12, 2005

Pages: 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, VA 22313-1450

10/26/2005 ECOOPER 00000207 133723 11248561

01 FC:8021

40.00 DA

PATENT
 REEL: 017123 FRAME: 0403

ASSIGNMENT OF APPLICATION

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in

FUEL CELL NANOCATALYST

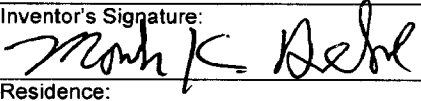
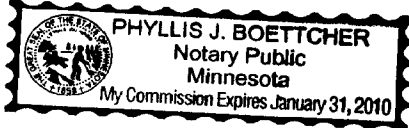

- ☒ for which an application for a United States Patent is being filed contemporaneously herewith;
☐ for which an application for a United States Patent identified as U.S. Patent Application No. ; was filed on ;
☐ which application is identified as PCT International Patent Application No. filed ;

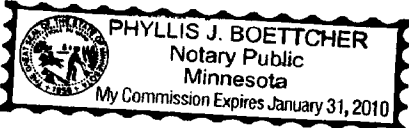
Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in the said invention made by me or made jointly with others (provided any such improvement is made during, or within one year after the termination of, my employment with 3M COMPANY and any of its existing or future subsidiaries), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me/us had this assignment and transfer not been made;

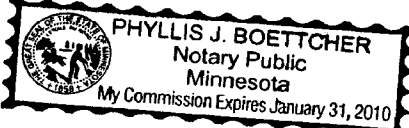
I/We do further agree for myself/ourselves and for my/our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I/we lawfully may, that may be deemed necessary by said Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries; and

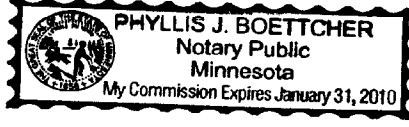
I/We do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

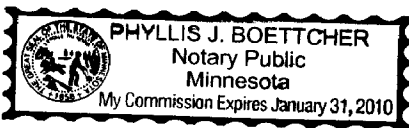
In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

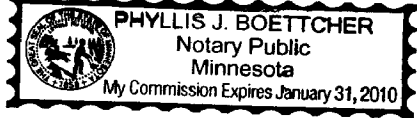
Given Name (first and middle [if any]): Mark K.		Family Name or Surname: DEBE	
Inventor's Signature: 		Date: 10/12/05	
Residence: Stillwater, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY)) On this <u>12th</u> day of <u>October</u> , 2005, before me personally appeared the above-named Mark K. DEBE, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal) 		 Notary Public	

Given Name (first and middle [if any]): Susan M.		Family Name or Surname: HENDRICKS	
Inventor's Signature: <i>Susan M Hendricks</i>		Date: 10/12/05	
Residence: Cottage Grove, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY) On this <u>12th</u> day of <u>October</u> , 2005, before me personally appeared the above-named Susan M. HENDRICKS, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal)			<i>Phyllis J. Boettcher</i> Notary Public

Given Name (first and middle [if any]): George D.		Family Name or Surname: VERNSTROM	
Inventor's Signature: <i>George D. Vernstrom</i>		Date: 10/12/05	
Residence: Inver Grove Heights, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY) On this <u>12th</u> day of <u>October</u> , 2005, before me personally appeared the above-named George D. VERNSTROM, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal)			<i>Phyllis J. Boettcher</i> Notary Public

Given Name (first and middle [if any]): Alison K.		Family Name or Surname: SCHMOECKEL	
Inventor's Signature: <i>Alison K. Schmoeckel</i>		Date: 10/12/05	
Residence: Stillwater, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY) On this <u>12th</u> day of <u>October</u> , 2005, before me personally appeared the above-named Alison K. SCHMOECKEL, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal)			<i>Phyllis J. Boettcher</i> Notary Public

Given Name (first and middle [if any]): Radoslav		Family Name or Surname: ATANASOSKI	
Inventor's Signature: <i>Radoslav Atanasoski</i>		Date: <i>Oct 12/05</i>	
Residence: Edina, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY) On this <u>12th</u> day of <u>October</u> , 2005, before me personally appeared the above-named Radoslav ATANASOSKI, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal)			<i>Phyllis J. Boettcher</i> Notary Public

Given Name (first and middle [if any]): Clayton V.		Family Name or Surname: HAMILTON JR.	
Inventor's Signature: <i>Clayton V. Hamilton Jr</i>		Date: <i>10/12/2005</i>	
Residence: Edina, Minnesota		Country: USA	Citizenship: United States of America
STATE OF MINNESOTA)) ss. COUNTY OF RAMSEY) On this <u>12th</u> day of <u>October</u> , 2005, before me personally appeared the above-named Clayton V. HAMILTON JR., and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.			
(Seal)			<i>Phyllis J. Boettcher</i> Notary Public