

Case No.: 58208US002

2-24-03RECORDATED	102376947 NTS UNLY						
To: The Honorable Commissioner of Patents and Trademarks							
Please record the attached original document(s) or copy thereof.							
1. Name of conveying party(ies)/(Execution Date)	2. Name and address of receiving party(ies):						
Mao, Shane S. Pierpont, Daniel M. Le, Jimmy M. Saulsbury, Kim B. Mlinar, John R. Moreau, Claude D. January 22, 2003 January 27, 2003 January 27, 2003 January 31, 2003 February 7, 2003	3M Innovative Properties Company P.O. Box 33427 St. Paul, Minnesota 55133-3427						
, 2005	Additional names of receiving party(ies) attached? Yes No						
Additional names of conveying party(ies) attached? ☐ Yes ☒ No							
3. Nature of Conveyance: Assignment	The state of the s						
previously recorded assignment and previous Notice of Recordation is e	nclosed.						
If this is a request for correction of a previously recorded document, a copy of the previously recorded assignment and previous Notice of Recordation is enclosed. 4. Application number or patent number: This document is being filed with a new patent application on: This document is to be recorded against the following patent application or patent: Enter Patent Cooperation Treaty (PCT) application number only if a USSN has not been assigned: Additional Numbers Attached? Yes No							
5. Name and address of party to whom correspondence	6. Total number of applications						
concerning document should be mailed: Name: Philip Y. Dahl Office of Intellectual Property Counsel 3M Innovative Properties Company Phone Number: (651) 737-4029	and patents involved:						
32692	7. Total fee (37 CFR 3.41): \$40.00 ☐ Enclosed ☐ Authorized to be charged to deposit account						
PATENT TRADEMARK OFFICE /2003 ECDOPER 00000248 133723 10295292	8. Deposit Account Number: 13-3723						
DO NOT US	SE THIS SPACE						
9. Statement and Signature To the best of my knowledge and belief, the foregoing informatoriginal document. Charges to deposit account are authorized. Printed Name of Attorney/Agent: Philip Y. Dahl Registration No.: (651) 737-4029 Signature	Date 2/17/03						
Pages: Total number of pages including COVER SHEET,	attachments and documents 3						

Mail documents to be recorded with required cover sheet information to: Commissioner for Patents, **Box Assignments**, Washington, DC 20231

CPI 100 Assign Record Cover - New Appln (3/06/02)

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ASSIGNMENT OF APPLICATION

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

inv	ention in
	UNITIZED FUEL CELL ASSEMBLY
	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. 10/295292; was filed on November 15, 2002;
	which application is identified as PCT International Patent Application No. filed;
wh Mir and imp dur	Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we have agreed to sign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a olly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, mesota, its successors and assigns, the entire right, title, and interest in and to the said invention and application, d in and to any division or continuation (in whole or in part) of said application, and in and to any and all provements in the said invention made by me or made jointly with others (provided any such improvement is made ring, or within one year after the termination of, my employment by 3M COMPANY and any of its existing or future oscidiaries), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United

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

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 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]): Shane S.	Family Name or Surname: Mao				
Inventor's Signature:	Date: 1/22/2003				
Residence:	Country:	Citizenship:			
Woodbury, Minnesota	USA	People's Republic of China United States of			
STATE OF MINNESOTA)		America SM			
) ss. COUNTY OF RAMSEY)					
On this 72 day of January, 2003, before me personally appeared the above-named					
Shane S Mao, and who executed the foregoing instrument, as said person's free act and deed, on the day and year					
aforesaid.					
(Seal) SHARON L. ANDREW NOTARY PUBLIC MINNESOTA Notary Public Notary Public					
£					

Assignment Page 1 of 3 Case No.: 58208US002

Given Name (first and middle [if any]): Daniel M.	Family Name or Surname:				
A	Pierpont				
Inventor's Signature:	Date:				
Trust Trust	1-27-	03			
Residence:	Country:	Citizenship:			
North Saint Paul, Minnesota	USA	United States of America			
STATE OF MINNESOTA)		I.			
) SS.					
COUNTY OF RAMSEY) On this 27 day of January	0000 1 6				
Daniel M. Pierpont Pierpont, and who executed the foregoing	, 2003, before me personally a	appeared the above-named			
and year aforesaid.	y modulicit, as said persons	onee act and deed, on the day			
(Seal) { SHARON L. ANDREW }	XInn h				
NOTARY PUBLIC MINNESOTA	Notary Public				
My Comm. Expires Jan. 31 2005	•				
Given Name (first and middle [if any]): Jimmy M.	Family Name or Surname: Le				
	Le				
Inventor's Signature	Date:				
James 10 11 Clares	1-22-03				
Residence:	Country:	Citizenship:			
Saint Paul, Minnesota	USA	United States of America			
STATE OF RAMSEY)					
) ss. COUNTY OF RAMSEY)					
On this 22 day of	, 2003, before me personally a	anneared the above-named			
Jimmy M Le, and who executed the foregoing instrument, as s	aid person's free act and deed	, on the day and year aforesaid.			
(Seal) { SEARON L. ANDREW}	Cha 1 (1				
	Notab Public				
My Comm. Expires Jan. 31 2005					
B*************************************					
Given Name (first and middle [if any]): Kim B.	Family Name or Surname:				
	Saulsbury				
Inventor's Signature:	Date:				
Sin B. Saulston	1-27-03				
Residence:	Country:	Citizenship:			
Lake Elmo, Minnesota	USA	United States of America			
STATE OF MINNESOTA)					
) ss. COUNTY OF RAMSĘY)					
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SAME AND OTHER IC MINNESOTA \$	X Manh				
My Comm. Expires Jan. 31 2005	Notary Public				

Given Name (first and middle [if any]):	Family Name or Surname:					
John R.	Mlinar					
Lavardado Signaturo	Date:					
Inventor's Signature:		. 2				
Ch Cliff	1-31-0	3				
Residence:	Country:	Citizenship:				
Coon Rapids, Minnesota	USA	United States of America				
CTATE OF MINISPOOTA						
STATE OF MINNESOTA) ss.						
COUNTY OF RAMSEY) —						
	, 2003, before me personally a	appeared the chave named				
John R Mlinar, and who executed the foregoing instrument, as						
aforesaid.	Said person's need act and dec	ou, on the day and year				
*****************************	$\sim \sim 1.$					
(Seal) SHARON L. ANDREW S MINNESOTA S	Manual					
My Comm. Expires Jan. 31 2005	Notary Public					
E ************************************						
Given Name (first and middle [if any]):	Family Name or Surname:					
Claude D.	Moreau					
Inventor's Signature:	Date: / 0 /					
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The state of the s	77/					
Residence:	Country:	Citizenship:				
Woodbury, Minnesota	USA	France				
STATE OF MINNESOTA)						
) ss.						
COUNTY OF RAMSEY)						
On this 7th day of February, 2003, before me personally appeared the above-named						
Claude D Moreau, and who executed the foregoing instrument, as said person's free act and deed, on the day and year						
aforesaid.		-				
SHARON L. ANDREW \$						
(Seal) { NOTARY PUBLIC MINNESOTA }	onen n	May				
My Comm. Expires Jan. 31 2005	Notary Public					

RECORDED: 02/24/2003

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PATENT REEL: 013781 FRAME: 0994