## PATENT ASSIGNMENT

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVE	YANCE:	ASSIGNMENT		
CONVEYING PARTY DATA				
Name Execution Date			Execution Date	
Jock W.H. Smith	Jock W.H. Smith 11/23/2009			
Philippe Westreich	Philippe Westreich 11/24/2009			
RECEIVING PARTY D	RECEIVING PARTY DATA			
Name:	Jeffrey R. Dahn			
Street Address:	153 Wisteria Lan	)		
City:	Upper Tantallon,	Nova Scotia		
State/Country:	CANADA			
Postal Code:	B3Z 1L3			
PROPERTY NUMBERS Total: 1				
Property Ty	/pe	Number		
Application Number: 12552367				
CORRESPONDENCE DATA				
Fax Number:	(651)736-38	33		
		when the fax attempt is unsuccessful.		
Phone:	651-733-15			
	Email: smdacko1@mmm.com			
Correspondent Name:       3M Innovative Properties Company         Address Line 1:       P.O. Box 33427				
Address Line 1:     P.O. Box 53427       Address Line 4:     St. Paul, MINNESOTA 55133-3427				
ATTORNEY DOCKET NUMBER: 64448US006				
NAME OF SUBMITTER: Susan M. Dacko				
Total Attachments: 4 source=Assignment to Dahn from Smith and Westreich#page1.tif source=Assignment to Dahn from Smith and Westreich#page2.tif source=Assignment to Dahn from Smith and Westreich#page3.tif				

#### ASSIGNMENT OF APPLICATION

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

#### AMMONIA-FREE GASEOUS AIR FILTER

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. 12/552367; was filed on September 2, 2009;

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 Jeffrey R. Dahn, his 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, 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 Jeffrey R. Dahn, his 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 Jeffrey R. Dahn, as the assignee of the entire right, title, and interest therein.

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Case No. 64448US006

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]):	Family Name or Sumame:	
Jock W.H.	Smith	
Inventor's Signature: Aoch &n H	Date: Nov 23, 2009	
Residence:	Country: Citizenship:	
Halifax, Nova Scotia	Canada Canada	
Witness	Timothy hon Timothy Crowtz Witness	

Given Name (first and middle [if any]):	Family Name or Sumame:	
Philippe	Westreich	
inventor's Signature:	Date:	
Residence:	Country:	Citizenship:
New Castle, Pennsylvania	USA	Canada
Witness	Witness	

Assignment 3M 802768v1 Page 2 of 2

Case No. 64448US006

## ASSIGNMENT OF APPLICATION

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

### AMMONIA-FREE GASEOUS AIR FILTER

- for which an application for a United States Patent is being filed contemporaneously herewith;
- Application No. 12/552367; was filed on September 2, 2009;
- 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 Jeffrey R. Dahn, his 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, 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 Jeffrey R. Dahn, his 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 Jeffrey R. Dahn, as the assignee of the entire right, title, and interest therein.

Assignment 3M 802768v1 Page 1 of 2

Case No. 64448US006

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]): Jock W.H.	Family Name of Smith	Family Name or Surname: Smith	
Inventor's Signature:	Date:	Date:	
Residence: Halifax, Nova Scotia	Country: Canada	Citizenship: Canada	
Witness	Witness		

Given Name (first and middle [if any]): Philippe	Family Name of Westreich	Family Name or Surname: Westreich		
Inventor's Signature:	Date:	Date:		
P. Usteil	Nov. 24, 7	Nov. 24, 2009		
Residence: New Castle, Pennsylvania	Country: USA	Citizenship: Canada		
<u>Anim a Witness</u> Witness	thess a Witness Witness			

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Case No. 64448US006

## PATENT REEL: 023632 FRAME: 0996

# RECORDED: 12/10/2009