Case No.: 62803US005

RECORDATION FORM COVER SHEET PATENTS ONLY				
To: The Director of the U.S. Patent and Trademark Office:				
Please record the attached document(s) or the new address(es) below.				
Name of conveying party(ies)	2. Name and address of receiving party(ies):			
Hutchinson, Howard D. Patel, Mahesh Z.	3M Innovative Properties Company P.O. Box 33427 St. Paul, Minnesota 55133-3427			
Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No	Additional name(s) of receiving party(ies) attached?  ☐ Yes ☑ No			
3. Nature of conveyance:  ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Joint Research Agreement ☐ Government Interest As ☐ Other:	esignment			
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).			
12/048070				
Additional Numbers Af	tached?  Yes  No			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
Name: Daniel D. Biesterveld Office of Intellectual Property Counsel 3M Innovative Properties Company				
Phone Number: 203-238-8737 Fax Number: 651-736-3833	7. Total fee (37 CFR §§ 1.21(h) & 3.41): \$40.00  Enclosed  Authorized to be charged to deposit account			
32692	8. Payment Information:			
Customer Number	Deposit Account Number: 13-3723  Authorized User Name: Daniel D. Biesterveld			
9. Signature: Daniel D. Biesterveld	~			
Printed Name of Attorney/Agent: Daniel D. Biesterveld Registration No.: 45,898  Ry: August Styleture  Ry: Date 24, 2003  Date 24, 2003				
Pages: Total number of pages including COVER SHEET, attachments, and documents  4				
Documents to be recorded (including cover she	et) should be faxed to (571) 273-0140, or mailed to:			

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PATENT REEL: 021145 FRAME: 0783

P.03

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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

FLUID FILTER CARTRIDGE AND HOUSING
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. 12/048070; was filed on March 13, 2008;
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]): HOWARD D.	Family Name or Surname: HUTCHINSON	
Inventor's Signature:	Date: 6/5/08	
Residence: Waterbury, CT	Country: USA	Citizenship: United States of America
Manan Capelli. Witness	Witness (	Jethus

Assignment

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3M Innovative Properties Company, P. O. Box 33427, St. Paul, MN 55133-3PATENT

Given Name (first and middle [if any]):	Family Name or Surname:		
Mahesh Z.	Patel		
Inventor's Signature:	Date: 6/6/2008		
Residence: Plantsville, CT	Country: USA	Citizenship: United States of America	
Marian R. Capelli	Witness Os	thus	
Given Name (first and middle [if any]):	Family Name or Surname:		
Inventor's Signature:	Date:		
Residence:	Country: USA	Citizenship: United States of America	
Witness	Witness		
Given Name (first and middle [if any]):	Family Name or Surname:		
Inventor's Signature:	Date:		
Residence:	Country: USA	Citizenship: United States of America	
Witness	Witness		
Given Name (first and middle (if any]):	Family Name or Surname:		
Inventor's Signature;	Date:		
Residence:	Country: USA	Citizenship: United States of America	
Witness	Witness		

Assignment

**RECORDED: 06/24/2008** 

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