Case No.: 62284US002

RECORDATION FORM COVER SHEET				
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Name of conveying party(ies) <u>Execution Date(s</u>	<u>5):</u>	2. Name and address of receiving party(ies):		
Fox, Andrew R. Stelter, John D. Angadjivand, Seyed A. Lindquist, Timothy J. Brandner, John M. Springett, James E. September 6, 2 September 6, 2 September 6, 2 September 6, 2	2006 2006 2006 2006	3M Innovative Properties Company P.O. Box 33427 St. Paul, Minnesota 55133-3427  Additional name(s) of receiving party(ios) attached?  ☐ Yes ☒ No		
Additional name(s) of conveying party(ies) attached?  ☐ Yes ☑ No				
3. Nature of conveyance:  ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Joint Research Agreement ☐ Government Interest Assignment ☐ Other:				
4. Application or patent number(s)   This document is being filed together with a new application.				
A. Patent Application No(s). B. P		atent No(s).		
11/461307				
Additional Numbers A	' ttached? [	] Yes ⊠ No		
Name and address to whom correspondence concerning document should be mailed:      Name: David B. Patchett Office of Intellectual Property Counsel		number of applications atents involved: 1		
3M Innovative Properties Company Phone Number: 651-736-4713 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			
Customer Number 8. Paym Depo		ent Information:		
		Deposit Account Number: 13-3723 Authorized User Name: David B. Patchett		
9. Signature:  Printed Name of Attorney/Agent: David B. Patchett Registration No.: 39,326  Pages: Total number of pages including COVER SHEET, atta				

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:

Mall Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Atexandria, VA 22313-1450

PATENT REEL: 018351 FRAME: 0473

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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

e - 5	
	PLEATED FILTER WITH BIMODAL MONOLAYER MONOCOMPONENT MEDIA
	for which an application for a United States Patent is being filed contemporaneously herewith;
$\boxtimes$	for which an application for a United States Patent identified as U.S. Patent Application No. 11/4611307; was filed
	on July 31, 2006;
	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]): Andrew R.	Family Name or Surname; Fox	
Inventor's Signature:	Date: 9.6.0 C	·
Residence:	Country:	Citizenship;
Oakdale, Minnesota	USA	United States of America
STATE OF MINNESOTA ) ) ss.		·
COUNTY OF RAMSEY )		
On this 6 day of September	, $ ot\!$	lly appeared the above-named
Andrew R. Fox, and who executed the foregoing instrument, a	s said person's free act and de	eed, on the day and year
aforesaid. SUSAN M DACKO Notary Public		\ /
(Seat) Minnesota My Commission Explans, Japanese 2010	<u>Susan Mal</u> Notary Public	bah)

Assignment

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PATENT

Case No.: 62284US002

PATENT REEL: 018351 FRAME: 0474

Inventor's Signature:  Date:  Gountry:  Country:  USA  Country:  United States of America  STATE OF MINNESOTA  Ss.  COUNTY OF RAMSEY  On this day of Sextender Sexual Sexu	Given Name (first and middle [if any]): John D.	Family Name or Surname: Stelter	
St. Joseph Township, Wisconsin  STATE OF MINNESOTA  St. COUNTY OF RAMSEY  On this day of day	John D. Julia	9-6-06	
COUNTY OF RAMSEY  On this		_	•
On this		I.	<u> </u>
(Seal) Minnesota My Commission Expires January St, 2010  Notary Public  Given Name (first and middle [if any]): Seyed A.  Inventor's Signature:  Date:	On this day of		
Seyed A. Angadjivand	(Seal) Minnesota	Notary Public	belo
Inventor's Signature: Seyed A. Angadji Vanel > Date: Sept 6, 2006			
, , , , , , , , , , , , , , , , , , ,	Inventor's Signature: Seyed A. Angadjivanel	Date: Sapt 6, 20	o6
Residence: Country: Citizenship: Woodbury, Minnesota USA United States of America	Residence:	1 -	
STATE OF MINNESOTA  ) ss,  COUNTY OF RAMSEY  On this day of epllud,	On this day of day of Seyed A. Angadjivand, and who executed the foregoing instruyear aforesaid.  SUSAN M DACKO Notary Public Minnesote	, 2006, before me persona ument, as said person's free ad Curam Marc Notary Public	illy appeared the above-named ct and deed, on the day and
Given Name (first and middle [if any]); Family Name or Surname:	Civen Name (first and middle III anuly)	Equily Name of Company	
Timothy J. Lindquist	Timothy J.		
Inventor's Signature:  Date:  09 /06 /06	Inventor's Signature:		06
Residence: Country: Citizenship: USA United States of America	,		
STATE OF MINNESOTA ) ) ss.	:	1	
On this day of	On this day ofduludin Timothy J. Lindquist, and who executed the foregoing instrum aforesaid.	before me personal personal personal person's free act a	illy appeared the above-named and deed, on the day and year
(Seal)  SUSAN M DACKO Notary Public Minnesota My Commission Explres Jandary 31, 2010  Notary Public	(Seal) Notary Public Minnesote	Notary Public	edo

Assignment

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DATENT

Caso No.: 62284U\$002

PATENT REEL: 018351 FRAME: 0475

Given Name (first and middle [if any]):	Family Name or Surname:	
John M.	Brandner	
Inventor's Signature:	Date: 9/06/06	
Residence:	Country:	Citizenship:
St. Paul, Minnesota	USA	United States of America
STATE OF MINNESOTA )		L
) SS.		
COUNTY OF RAMSEY )		
On this a day of september	, <i>2506</i> , before me persona	ally appeared the above-named
John M. Brandner, and who executed the foregoing instrume	nt, as said person's free act an	d deed, on the day and year
aforesaid.		\
	1116	h. 1.
(Seal) SUSAN M DACKO	Notary Public	
Notary Public	Notary Public	
Minnesote Minnesote		
I WY GUITATISSIAN Evaluation		
Wy Commission Explica January 31, 2010		
Given Name (first and middle [if any]):	Family Name or Surname:	
wy Johnston Lypkes January 31, 2010	Family Name or Surname: Springett	
Given Name (first and middle [if any]):		
Given Name (first and middle [if any]): James E. Inventor Signature:	Springett	
Given Name (first and middle [if any]): James E. Inventor's Signature:  Temps 2 A Martin	Springett  Date: 9/6/06	Citizonship
Given Name (first and middle [if any]): James E. Inventor Signature:	Springett	Citizenship: United States of America
Given Name (first and middle [if any]): James E. Inventor's Signature: Rosidonce: Hudson, Wisconsin	Springett  Date: 9/6/06  Country:	
Given Name (first and middle [if any]): James E. Inventor's Signature:  Rosidence: Hudson, Wisconsin  STATE OF MINNESOTA	Springett  Date: 9/6/06  Country:	
Given Name (first and middle [if any]): James E. Inventor's Signature: Rosidonce: Hudson, Wisconsin	Springett  Date: 9/6/06  Country:	
Given Name (first and middle [if any]):  James E.  Inventor's Signature:  Rosidence: Hudson, Wisconsin  STATE OF MINNESOTA ) ss.  COUNTY OF RAMSEY	Springett  Date: 9/6/0/6  Country: USA	United States of America
Given Name (first and middle [if any]):  James E.  Inventor's Signature:  Rosidence: Hudson, Wisconsin  STATE OF MINNESOTA ) ss.  COUNTY OF RAMSEY On this day of	Springett  Date:  9/6/06  Country: USA	United States of America
Given Name (first and middle [if any]):  James E.  Inventor's Signature:  Rosidence: Hudson, Wisconsin  STATE OF MINNESOTA ) ss.  COUNTY OF RAMSEY	Springett  Date:  9/6/06  Country: USA	United States of America
Given Name (first and middle [if any]):  James E.  Inventor's Signature:  Residence: Hudson, Wisconsin  STATE OF MINNESOTA ) ss.  COUNTY OF RAMSEY  On this day of	Springett  Date:  9/6/06  Country: USA	United States of America
Given Name (first and middle [if any]):  James E.  Inventor's Signature:  Residence: Hudson, Wisconsin  STATE OF MINNESOTA ) ss.  COUNTY OF RAMSEY On this day of	Springett  Date:  9/6/06  Country: USA  Defore me persona ant, as said person's free act and the said person's free act and	United States of America
Given Name (first and middle [if any]):  James E.  Inventor's Signature:  Residence: Hudson, Wisconsin  STATE OF MINNESOTA ) ss.  COUNTY OF RAMSEY On this day of	Springett  Date:  9/6/06  Country: USA	United States of America

Assignment

**RECORDED: 10/03/2006** 

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