		Case No.: 60371US002	
R	ECORDATION FO	RM COVER SHEET	
To: The Director of the U.S. Patent ar	•		
Please record the attached document	(s) or the new address(e	s) below.	
I. Name of conveying party(les) OUDERKIRK, Andrew J. BENSON, Jr., Olester BREISTER, James C. BROTT, Robert L. CHOU, Yeun-Jong FLEMING, Patrick R. KOPECKY, William J. NORTH, Diane STUMO, Roger J. THUNHORST, Kristen L. WILSON, Bruce B. Additional name(s) of conveying party(le Yes ⊠ No S. Nature of conveyance:	Execution Date(s): August 22, 2005 August 24, 2005 August 22, 2005 August 22, 2005 August 19, 2005 August 22, 2005	2. Name and address of receiving party(les): 3M Innovative Properties Company P.O. Box 33427 St. Paul, Minnesota 55133-3427 Additional name(s) of receiving party(les) attached? ☐ Yes ⊠ No	
Assignment Security Agreement Other:	Merger Change of Name		
 Application or patent number(A. Patent Application No(s). 	s) mis uc	cument is being filed together with a new application. B. Patent No(s).	
11/068158			
	i Additional Numbers Atta	ched? 🗌 Yes 🔲 No	
5. Name and address to whom correspondence concerning document should be mailed: Name: Jay R. Pralle Office of Intellectual Property Counsel 3M Innovative Properties Company Phone Number: 651-733-6750 Fax Number: 651-736-3833 32692 Customer Number		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: Jay R. Praile	
9. Signature: Printed Name of Attorney/Agent: Jay R. Praile Registration No.: 52,131 Pages: Total number of pages includir Documents to be reco	Signature Signature Ig COVER SHEET, attach rded (incloding cover sheet	ments, and documents 6 should be faxed to (703) 306-5995 pymples for the USPTO, P.O. Box 1450, Alexandria, VA 223*3-1450	
Mail Stop Assignment Recor 700206570	oauon services, Director of	the USPTO, P.O. Box 1450, Alexandria, VA-22313-1450 REEL: 016683 FRAME: 0411	

Case No.: 60371US002

ASSIGNMENT OF APPLICATION

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

COMPOSITE POLYMER FIBERS

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. 11/068158; was filed on February 28, 2005;

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 J.	Family Name or Sumame: Ouderkirk	
Inventor's Signeture	Date: 8/22/04	5
	Country:	Citizenship:
Woodbury, Minnesota	USA	United States of America
aforesaid. (Seal) GWEN J ZIEHL	MAS, before me personal int, as said person's free act and Motary Public	ly appeared the above-named d deed, on the day and year

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Given Name (first and middle [if any]):	Family Name or Surname:	
Olester	Benson, Jr.	
	Date:	
Inventor's Signatura:	5 27 Aug 0.5	
Austa Susen	22 AUG \$5	
Residence:	Country: Citizenship:	
Woodbury, Minnesota	USA United States of America	
Wooddory, Winnodord		
STATE OF (
Franciss. and		
COUNTY OF COUNTY OF COUNTY OF		
COUNTY OF Kannan ss. On this and day of July, 2005, before me personally	appeared the above-named Olester Benson, Jr., and who	
I executed the foregoing instrument, as said person's free act an	d deed, on the day and year atoresaid. 👘 🦂 🔒 👘 🖌	
	Aula J. Jula Notary Public A. Jula	
(Seal) GWEN J ZIEHL	perment f. aprile	
Notary Public	Notary Public	
Minnesota		
My Commission Expires January 31, 2010		
Given Name (first and middle [if any]): James C.	Family Name or Surname: BREISTER	
James C.	BREIBTER	
Inventor's Signature:	Date:	
Preidence	18/22/05.	
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reauerce//	Country: Citizenship:	
Oakdale, Minnesota	USA United States of America	
STATE OF)		
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and 22 molence Duraces +	$\frac{2005}{1000}$, before me personally appeared the above-named	
James C. BREISTER, and who executed the foregoing instrum	_, <u>court</u> , before me personally appeared the above-named	
	Kned J. Gieke	
(Seal) GWEN J ZIEHL	North Sent	
Notary Public Minnesota	Notary Public	
My Commission Explicit January 31, 2010		
Given Name (first and middle [if any]):	Family Name or Sumame:	
Robert L.	BROTT	
Inventor's Signature:	Date:	
VI A & EM	8/22/05	
Residence:	Country; Citizenship:	
Woodbury, Minnesota		
www.upury.wishibaoka	USA United States of America	
STATE OF)		
×2) ss.		
COUNTY OF Karnsey SS.		
On this and day of Maust	$\frac{2005}{1}$, before me personally appeared the above-named	
Robert L. BROTT, and who executed the foregoing instrumer	t. as said person's free act and dead, on the dow and year	
aforesaid.		
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(Seal) GWEN J ZIEHL Notary Public	Amer J. Brek	
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	Carrie Managers as Constants.		
Given Name (first and middle [if any]):	Family Name or Surname:		
Yeun-Jong	СНОИ		
Inventor's Signature:	Date:		
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he Ychon	00 [2-10]		
Residence: 0	Country: Citizenship:		
Woodbury, Minnesota	USA United States of America		
STATE OF)			
COUNTY OF Kanney, On this <u>Donal</u> day of <u>ugust</u> Yeun-Jong CHOU, and who executed the foregoing instrument			
COUNTY OF A CLI YLORGO			
On this 22 notion of august	2005 before me personally appeared the above-named		
Yeun-Jong CHOU, and who executed the foregoing instrument	as said person's free act and deed, on the day and year		
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	Notary Public J. Richt		
(Seal) GWEN J ZIEHL	Nover p. 1200		
Notary Public	Notary Public // //		
Minnesota			
My Commission Expires January 31, 2010			
Given Name (first and middle [if any]):	Family Name or Sumame:		
PATRICK R.	FLEMING		
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Inventor's Siggature:	Date: / /		
Patril n J K.	8/22/05		
Jan Kircan			
Résidence:	Country: Citizenship:		
Lake Elmo, Minnesota	USA United States of America		
STATE OF MINNESOTA			
) SS.			
COUNTY OF RAMSEY)	2011		
On this 22 nd day of august	$\partial 005$, before me personally appeared the above-named		
COUNTY OF RAMSEY) On this 22 mol day of <u>Muguet</u> Patrick R. FLEMING, and who executed the foregoing instrume	2005, before me personally appeared the above-named		
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On this 22 mod day of <u>UMAULE</u> Patrick R. FLEMING, and who executed the foregoing instrume aforesaid. (Seal) Given Name (first and middle [if any]): William J. Inventor's Signature:	Stand Jich Notary Public Jich Family Name or Sumame: KOPECKY Date: 8-22-05		
On this 22md day of <u>UUQUET</u> Patrick R. FLEMING, and who executed the foregoing instrume aforesaid. (Seal) <u>With Minnesota</u> <u>My Commence January 31, 2010</u> Given Name (first and middle [if any]): William J. Inventor's Signature: <u>Withiam J.</u> Age.Ay Residence:	With Marken of Sumarne: KOPECKY Date: 8-22-05 Country:		
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On this 22 md day of <u>UUQUET</u> Patrick R. FLEMING, and who executed the foregoing instrume eforesaid. (Seal) <u>With Commentation Expires January 31, 2010</u> Given Name (first and middle [if any]): William J. Inventor's Signature: <u>William J.</u> Residence: Hudson, Wisconsin	With Marken of Sumarne: KOPECKY Date: 8-22-05 Country:		
On this 22 mod day of <u>UUQUEE</u> Patrick R. FLEMING, and who executed the foregoing instrume aforesaid. (Seal) Given Name (first and middle [if any]): William J. Inventor's Signature:	With Marken of Sumarne: KOPECKY Date: 8-22-05 Country:		
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Page 3 of 5

PATENT Case No.: 60371US002 REEL: 016683 FRAME: 0414

Given Name (first and middle [if any]): Diane	NORTH	Family Name or Sumarne: NORTH		
Inventor's Signature:	Date:	Date:		
Dian Paul	8124105	8/24/05		
Residence:	Country:	Citizenship:		
Inver Grove Heights, Minnesota	USA	United States of America		
STATE OF MINNESOTA)	L			
	21.15			
On this <u>24.11</u> day of <u>Duguet</u> Diane NORTH, and who executed the foregoing instrument,	as said person's free act and	deed, on the day and year		
aforesaid.				
(Seal) GWEN JZIEHL	Notary Public	V. gene		
Notary Public Minnesola My Commission Expires January 31, 2010	Notary Public	7 0		
Given Name (first and middle [if any]):	Family Name or Sumame:	· · · · ·		
Roger J.	STUMO	T		
Inventor's Signature:	Date:			
K	8-22-05			
Residence: Shoreview, Minnesota	Country: USA	Citizenship: United States of America		
STATE OF	I			
) ss. COUNTY OF				
On this Damoday of Muguet	- 2005 before me per	sonally appeared the above-named		
Roger J. STUMO, and who executed the foregoing instrume	ent, as said person's free act a	and deed, on the day and year		
aforesaid. GWEN J ZIEHL	1 1	$a \dot{a} \cdot a a$		
(Seal) Notary Public	Knela (2- Jehl		
Minnesota My Commission Expires January 31, 2010	Notary Public			
	V	V		
Given Name (first and middle [if any]):	Family Name or Sumame:			
Kristin L.	THUNHORST			
Inventor's Signature:	Date:	Date:		
Kit & Thunhorst	8/19/05			
Residence: Stillwater, Minnesota	Country: USA	Citizenship: United States of America		
STATE OF MINNESOTA				
) 85. COUNTY OF RAMSEY				
On this 19th day of august	2105 holors ma nor	sonally appeared the above-named		
Kristin L. THUNHORST, and who executed the foregoing in: aforesaid.	soument, as salu persons ner	e act and deed, on the day and year		
	KInen J Notary Public	ach 1.		
(Seal) GWEN J ZIEHL Notery Public Mignegota	Notary Public	- grow		
My Commission Expires January 31, 2010	~	_		

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Given Name (first and middle (if any)):	Family Name or Surname:		
Bruce B.	WILSON		
Inventor's Signature:	Date: 8/2.2/	05	
Residence	Country:	Citizenship:	
Woodbury, Minnesota	USA	United States of America	
STATE OF COUNTY OF Karrey On this Conductor of Manager Bruce B. WILSON, and who executed the foregoing instrument aforesaid. (Seal) GWEN J ZIEHL Notary Public Minnesots My Commission Expires Jenuary 31, 2010	, <u>3005</u> , before me persona , as said person's free act and <u>XWLA</u> Notary Public	ally appeared the above-named deed, on the day and year Minimum Architecture Minimum Architecture Architect	

Assignment

RECORDED: 08/29/2005