Case No.: 62993US002 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. 1. Name of conveying party(ies) Execution Date(s): Name and address of receiving party(ies): 3M Innovative Properties Company May 7, 2007 Hebrink, Timothy J. P.O. Box 33427 Jonza, James M. May 7, 2007 St. Paul, Minnesota 55133-3427 Bav. Randv S. May 7, 2007 Clarke, Graham M. May 7, 2007 May 7, 2007 Lucking, Raymond L. Additional name(s) of receiving party(ies) attached? Yu, Ta-Hua May 7, 2007 ☐ Yes
☐ No. Collier, Terry O. May 4, 2007 Additional name(s) of conveying party(ies) attached? ☐ Yes ⊠ No 3. Nature of conveyance: ☐ 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. B. Patent No(s). A. Patent Application No(s). 11/735684 Additional Numbers Attached?

Yes

All No 5. Name and address to whom correspondence 6. Total number of applications concerning document should be mailed: and patents involved: Name: Elizabeth A. Gallo, Ph.D. Office of Intellectual Property Counsel 3M Innovative Properties Company Phone Number: 651-733-9608 \$40.00 7. Total fee (37 CFR §§ 1.21(h) & 3.41): Fax Number: 651-736-3833 ☐ Enclosed Authorized to be charged to deposit account 32692 8. Payment Information: Customer Number Deposit Account Number: 13-3723 Authorized User Name: Elizabeth A. Gallo, Ph.D. 9. Signature: Printed Name of Attorney/Agent: Elizabeth A. Gallo, Ph.D. Registration No.: 51,716

> Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

Pages: Total number of pages including COVER SHEET, attachments, and documents

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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

OPTICAL ARTICLE AND METHOD OF MAKING				
☐ for which an application for a United States Patent is being filed contemporaneously herewith;				
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

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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]): Timothy J.	Family Name or Surname: Hebrink					
Inventor's Signature:	Date:	7/07				
Residence: Scandia, Minnesota	Country: USA	Citizenship: United States of America				
STATE OF MINNESOTA) ss. COUNTY OF RAMSEY On this						
Given Name (first and middle [if any]): James M.	Family Name or Surname: Jonza					
Inventor's Signature:	9 1 1 1	ช 7				
Residénce: Woodbury, Minnesota	Country: USA	Citizenship: United States of America				
STATE OF MINNESOTA) ss, COUNTY OF RAMSEY On this day of						

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Given Name (first and middle [if any]): Randy S.	Family Name or Surname: Bay			
Inventor's Signature:	Date: May 7, 2007			
Residence: Woodbury, Minnesota	Country: Citizenship: USA United States of America			
STATE OF MINNESOTA) ss.				
On this Ho day of Hou	9004 , before me personally appeared the			
above-named Randy S. Bay, and who executed the fore the day and year of cresaid. MADONNA M. SCHROEDER	going instrument, as said person's free act and deed, on			
(Seal) Notary Public Notary Public MInnesota My Commission Expires January 31, 2010	Notary Public			
Given Name (first and middle [if any]): Graham M.	Family Name or Surnamo: Clarke			
Inventor's Signature:	Date: 5/2/07			
Residence: Woodbury, Minnesota	Country: Citizenship: Ireland			
STATE OF MINNESOTA)) ss.	<u> </u>			
COUNTY OF RAMSEY) On this Hay of	2007, before me personally appeared the			
above-named Graham M. Clarke, and who executed the deed, on the day and year aforesaid.	foregoing instrument, as said person's free act and			
(Seal) MADONNA M. SCHROEDER Notary Public Notary Public Notary Public Notary Public				
Given Name (first and middle [if any]):	Family Name or Surname:			
Raymond L.	Lucking			
Inventor & Signature:	Date: 5 / 7 / 0 7			
Residence: Hastings, Minnesota	Country: Citizenship: USA United States of America			
STATE OF MINNESOTA)) ss.	,			
On this day of day of above-named Raymond L. Lucking, and who executed the	before me personally appeared the foregoing instrument, as said person's free act and			
deed, on the day and year aforesaid. (Seal) MADONNA M. SCHROEDER	1 KI Waller			
(Seal) Notary Public Notary Public Minnesota My Commission Expires Jenuary 31, 2010	Notary Public			

Given Name (first and middle [if any]):	Family Name or Surname:			
Ta-Hua	Yu			
Ta rad	l lu			
Inventor's Signaturo;	Date: /	/		
اله المراجعة	1 Palle. 25 / 1 200 -			
I ANKURUM.	05/0//200			
Residence:	Country:	Citizenship:		
Woodbury, Minnesota	USA	Republic of China		
YVOODDUTY, WITHESOLA	USA	Republic of Crima		
STATE OF MINNESOTA)		, I . <u> </u>		
1				
) SS.				
COUNTY OF BAMSEY)	0.00			
On this The day of May	∠ (X) + hefore	e me personally appeared the		
above-named Ta-Hua Yu, and who executed the foregoin	a instrument as eaid n	erson's free act and deed, on the		
	ig institution, as salu p	epsons nee act and deed, on the		
day and year aforesaid.				
MADONNA M. SCHROEDER				
(Seal) (Seal) Notary Public	n/lestika	MACRIC \		
Minnesote Notary Public				
My Comnission Expires January 31, 2019				
		1-1		
Given Name (first and middle [if any]):	Family Name or Surn	ame.		
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Terry O.	Collier			

Given Name (first and middle [if any]): Terry O.	Family Name or Surname: Collier				
Inventor's Signature:	Date:				
Ling O, all	174/07				
Residence	Countrý: '	Citizenship:			
Woodbur y, M finnesota	USA	United States of America			
STATE OF MINNESOTA) ss. COUNTY OF, RAMSEY On this					

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RECORDED: 05/24/2007