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			Case <u>No.:</u> 62329US0 <u>02</u>			
RECORDATION FORM COVER SHEET PATENTS ONLY						
To: The Director of the U.S. Patent and T	rademark Office:					
Please record the attached document(s) or the new address(es) below.						
Name of conveying party(ies)	Execution Date(s):		2. Name and address of receiving party(ies):			
Jiaying Ma	August 25, 2006		3M Innovative Properties Company			
Quinn Sanford	August 25, 2006		P.O. Box 33427 St. Paul, Minnesota 55133-3427			
Ming Cheng	August 25, 2006					
·						
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 Assignment ☐ Other:						
4. Application or patent number(s)	☐ This	document	is being filed together with a new application.			
A. Patent Application No(s).		B. Pa	atent No(s).			
A. Fatent No(s). 11/467,326 Additional Numbers Attached? Yes No						
Name and address to whom correspo concerning document should be maile		6. Total number of applications and patents involved:				
•		and p	attitis involved.			
Name: Anna A. Wetzels Office of Intellectual Property Counsel 3M Innovative Properties Company Phone Number: 651-737-8345						
		7. Total fee (37 CFR §§ 1.21(h) & 3.41): \$40.00				
Fax Number: 651-736-3833			Enclosed			
32692		Authorized to be charged to deposit account				
Customer Number		8. Payment Information:				
		Deposit Account Number: 13-3723				
		Authorized User Name: Anna A. Wetzels				
9. Signature:	A i		а.			
Printed Name of Attorney/Agent:	Ship Witz	rele	August 25,200,6			
Anna A. Wetzels						
Registration No.: 53,146 Signature Date / Pages: Total number of pages including COVER SHEET, attachments, and documents 3						

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

PATENT REEL: 018183 FRAME: 0147

Case No.: 62329US002

ASSIGNMENT OF APPLICATION

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

	BACKLIGHT SUITABLE FOR DISPLAY DEVICES
\boxtimes	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.; was filed on;
	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]): Jiaying	Family Name or Surname: Ma			
Inventor's Signature:	Date: 08/25/	12000		
Residence:	Country:	Citizenship: United States of America		
Maplewood, Minnesota	USA	Offiled States of America		
STATE OF MINNESOTA)				
COUNTY OF RAMSEY) On this 25th day of				
Jiaying Ma, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.				
(Seal) KIM A, ELFSTROM Notery Public Notery Public Minnesota My Commission Spries Jerusny 31, 2010				

Page 1 of 1 Case No.: 62329US002

Given Name (first and middle [if any]):	Family Name or Surname;			
Quinn	Sanford			
	<u> </u>			
Inventors Signature: ///	Date: / /			
	20/25/01			
Barteran I I	Country:	Citizenship:		
Residence:				
Woodbury, Minne/sota	USA	United States of America		
STATE OF MINNESOTA)				
i :				
COUNTY OF RAMSEY) .				
Dotto / Allanat	70010			
On this 25th day of Manust	_, <<u>CO</u>_/ before me persona	lly appeared the above-named		
Quinn Sanford, and who executed the foregoing instrument, a	is said person's free act and de	ed, on the day and year		
(Seal) KIM A. ELFSTROM Notary Public Minnesota Notary Public				
KIM A. ELFSTROM (Seal) Kim A. ELFSTROM Notary Public	YOUNG CO			
(Seal) Notary Public Mingesofa	Notary Public	1		
Minnesota My Commission Expres Jacuary 31, 2010	Morary Fublic	/		
		<u> </u>		
Colored March 2014 April 115 - 115	Family Name or Surname:			
Given Name (first and middle [if any]):				
Ming	Cheng			
Inventor's Signature:	Date: . ,			
	0/2t/m	/		
/25 2 35	8/25/6	6		
Residence;	Country:	Citizenship:		
Woodbury, Minnesota	USA	People's Republic of China		
STATE OF MINNESOTA)				
) \$s.				
COUNTY OF RAMSEY) O				
On this 25th day of				
Ming Cheng, and who executed the foregoing instrument, as said person's free act and deed, on the day and year aforesaid.				
Ming Chang, and who executed the foredaing instrument, as s	_, <u> </u>	on the day and year aforesaid		
Ming Cheng, and who executed the foregoing instrument, as s	_,, before me persona	, on the day and year aforesaid.		
Ming Cheng, and who executed the foreģóing instrument, as s دے	aid person's free act and deed	, on the day and year aforesaid.		
Ming Cheng, and who executed the foregoing instrument, as s (Seal)	Zim Ufst	, on the day and year aforesaid.		
Ming Cheлg, and who executed the foregoing instrument, as s	aid person's free act and deed Notary Public	, on the day and year aforesaid.		
Ming Cheng, and who executed the foregoing instrument, as s (Seal) KIM A. ELFSTROM	Zim Ufst	, on the day and year aforesaid.		
Ming Cheng, and who executed the foregoing instrument, as s (Seal)	Zim Ufst	, on the day and year aforesaid.		

Assignment

__RECORDED: 08/25/2006

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