### 501888274 04/13/2012

## PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
John A. Wheatley	03/30/2012
Tao Liu	03/30/2012
Encai Hao	03/19/2012
William Blake Kolb	03/30/2012
Michael Benton Free	04/02/2012

#### **RECEIVING PARTY DATA**

Name:	3M INNOVATIVE PROPERTIES COMPANY	
Street Address:	P.O. BOX 33427	
City:	ST. PAUL	
State/Country:	MINNESOTA	
Postal Code:	55133-3427	

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13502060

## CORRESPONDENCE DATA

**Fax Number**: (651)736-3833 **Phone**: 651-733-1500

Email: anewhouse@mmm.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: 3M INNOVATIVE PROPERTIES COMPANY

Address Line 1: PO BOX 33427

Address Line 4: ST. PAUL, MINNESOTA 55133-3427

ATTORNEY DOCKET NUMBER: 6	65782US005
NAME OF SUBMITTER:	Andrea Newhouse

PATENT REEL: 028046 FRAME: 0389 135020

## Total Attachments: 4

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> PATENT REEL: 028046 FRAME: 0390

Case No.: 65782US005

## ASSIGNMENT OF APPLICATION

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

	LIGHT SOURCE AND DISPLAY SYSTEM INCORPORATING SAME	_
⊠ for w	hich an application for a United States Patent is being filed contemporaneously herewith;	
	hich an application for a United States Patent identified as U.S. Patent Application No. , filed on ;	
	h application is identified as PCT International Patent Application No. /US2010/053719; filed October 22, 2010;	

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.

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REEL: 028046 FRAME: 0391

Assignment

3M 1323763v1

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]):  John A.	Family Name or Surname: Wheatley		
Inventor's Signature:	Date: アプラー/2		
Residerice: // Lake Elmo, Minnesota	Country: USA	Citizenship: United States of America	
STATE OF MINNESOTA )  Ss.  COUNTY OF RAMSEY )  On this			
Given Name (first and middle [if any]):	Family Name or Suma	ame:	
Тао	Liu		
Inventor's Signature:	Date:	1/20/2	
Residence: Woodbury, Minnesota	Country: / USA	Čitizenship: People's Republic of China	
STATE OF MINNESOTA) ) ss. COUNTY OF RAMSEY )			
On this <u>O</u> day of <u>YY</u> <u>a land to be fore me personally appeared the</u>			
above-named Tao Liu, and who executed the foregoing instrument, as said person's free act and deed, on the			
day and year aforesaid.			
(Seal)  ANDREA LEE NEWHOUSE  Notary Public  Minnesota  My Commission Expires January 31, 2014  Notary Public			

Given Name (first and middle [if any]): Encai	Family Name or Surname: Hao	
Inventor's Signature:	, , , , , , , , , , , , , , , , , , ,	9/2012
Residence: Woodbury, Minnesota	Country: USA	Citizenship: People's Republic of China
STATE OF MINNESOTA )  ss.  COUNTY OF RAMSEY )  On this day of day of before me personally appeared the above-named Encai Hao, and who executed the foregoing instrument, as said person's free act and deed, on the day and year affair.  ANDREALEE NEWFRIUS    Notary Public    My Commission Essers January 31 4914    Notary Public    Notary Public		
Given Name (first and middle [it-any]):  William Blake	Family Name or Suma	ame:
Inversor # Stotseture /	Date: 기술이/(2	····
Résidence? West Lakeland, Minnesota	Country: * USA	Citizenship: United States of America
Witness 2 4	Witness	

Given Name (first and middle [if any]):  Michael Benton	Free Free	
Invertor's Signature:	Date: 4/2	/12
Résidence:	Country:	Citizenship:
St. Paul, Minnesota	USA	United States of America
) ss.  COUNTY OF RAMSEY )  On this day of,  above-named Michael Benton Free, and who executed deed, on the day and year aforesaid.		efore me personally appeared the nent, as said person's free act and
(Seal)  ANDREALEE NEWHOUSE  Notary Public  Minnesota  My Commission Expires January 31, 2014	Notary Public	- Auhoise

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**RECORDED: 04/13/2012** 

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