501787401 01/17/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Catherine A. Leatherdale	12/07/2011
Zhaohui Yang	12/08/2011

RECEIVING PARTY DATA

Name:	3M Innovative Properties Company
Street Address: P.O. Box 33427	
City:	Saint Paul
State/Country: MINNESOTA	
Postal Code:	55133-3427

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13384347

CORRESPONDENCE DATA

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

Email: LegalUSDocketing@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: 65557US010

NAME OF SUBMITTER: Angela M. Zontelli

Total Attachments: 2

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PATENT

REEL: 027539 FRAME: 0234

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Case No.: 65557US010

ASSIGNMENT OF APPLICATION

be	below, have made an invention in					
	PIXELATED LED					
\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;					

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated

which application is identified as PCT International Patent Application No. PCT/US2010/043344; filed July 27, 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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PATENT REEL: 027539 FRAME: 0235 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]): Catherine A.	Family Name or Surname: Leatherdale					
Inventor's Signature: / / / //	Date:					
Cathani 1 - hattallo	ZZ 7, 20					
Residence: Woodbury, Minnesota	Country: USA	Citizenship: Canada				
STATE OF MINNESOTA)						
) ss. COUNTY OF RAMSEY) On this						
above-named Catherine A. Leatherdale, and who executed the foregoing instrument, as said person's free act						
and deed, on the day and year aforesaid.		, 14				
(Seal) ANGELA ZONTELLI Notary Public Minnesota Minnesota Notary Public Notary Public						
						
Given Name (first and middle [if any]): Xhaohui ・ スト _{ムの} トルト スソ	Family Name or Surname: Yang					
Inventor's Signature:	Date: 12/8/20					
Residencé: North Oaks, Minnesota	Country: USA	Citizenship: People's Republic of China				
STATE OF MINNESOTA)						
Ss. COUNTY OF RAMSEY On this Of day of Old						
above-named Xhaohui Yang, and who executed the foregoing instrument, as said person's free act and deed, on						
the day and year aforesaid.						
(Seal) ANGELA ZONTELLI Notary Public Notary Public Minnesota My Commission Expires January 31, 2013						

Assignment

RECORDED: 01/17/2012

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