

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jingwei Xu</td> <td>03/24/2010</td> </tr> <tr> <td>Xianwei Zeng</td> <td>03/24/2010</td> </tr> <tr> <td>Xianghao Meng</td> <td>03/24/2010</td> </tr> </tbody> </table>		Name	Execution Date	Jingwei Xu	03/24/2010	Xianwei Zeng	03/24/2010	Xianghao Meng	03/24/2010
Name	Execution Date								
Jingwei Xu	03/24/2010								
Xianwei Zeng	03/24/2010								
Xianghao Meng	03/24/2010								
RECEIVING PARTY DATA									
Name:	Texas Instruments Incorporated								
Street Address:	7839 Churchill Way, M/S 3999								
City:	Dallas								
State/Country:	TEXAS								
Postal Code:	75251								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12692230</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12692230				
Property Type	Number								
Application Number:	12692230								
CORRESPONDENCE DATA									
Fax Number:	(972)917-4418								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	972-917-4144								
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Correspondent Name:	John J. Patti								
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Address Line 4:	Dallas, TEXAS 75251								
ATTORNEY DOCKET NUMBER:	TI-65803								
NAME OF SUBMITTER:	Tina Smith								
Total Attachments: 2 source=65803_Assignment#page1.tif source=65803_Assignment#page2.tif									

CH \$40.00 12692230

ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made.

WHEREAS, TEXAS INSTRUMENTS INCORPORATED, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 7839 Churchill Way, M/S 3999, Dallas, Texas 75251, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon, as well as to U.S. PCT Application No. PCT/CN2009/000114, filed 1/24/2009;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign unto the said TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my entire right, title and interest in and to the said invention and in and to the said application(s) and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Patent and Trademark Office to issue all patents for said invention, or patents resulting therefrom, to the said TEXAS INSTRUMENTS INCORPORATED, as assignee of my entire right, title and interest.

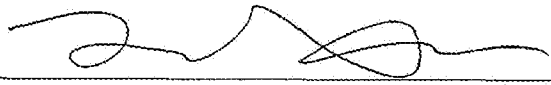
I also hereby sell and assign to TEXAS INSTRUMENTS INCORPORATED, its successors and assigns, my corresponding rights to the invention disclosed in said application in all other countries of the world, including the right to claim priority, file applications and obtain patents under the terms of the Paris Convention for the Protection of Industrial Property, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such rights.

I hereby further agree that I will communicate to said TEXAS INSTRUMENTS INCORPORATED, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said TEXAS INSTRUMENTS INCORPORATED, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

I authorize the later insertion of the nonprovisional application number and filing date hereinbelow.

IN WITNESS WHEREOF, I hereunto set hand and seal this day and year;

TITLE	AN APPARATUS AND METHOD FOR DIMMING A BACKLIGHT WITH PSEUDO-RANDOM PHASE DELAY		
NONPROVISIONAL APPLICATION NO.	12/692,230	FILING DATE	1/22/2010

SIGNATURE OF INVENTOR	
PRINTED NAME OF INVENTOR	Jingwei Xu
DATE	March, 24, 2010
RESIDENCE (CITY AND COUNTRY)	Shanghai, China

Application No.

Attorney Docket No. TI-65803

SIGNATURE OF INVENTOR	<i>Xianwei Zeng</i>
PRINTED NAME OF INVENTOR	Xianwei Zeng
DATE	March, 24, 2010
RESIDENCE (CITY AND COUNTRY)	Shanghai, China

SIGNATURE OF INVENTOR	<i>Xianghao Meng</i>
PRINTED NAME OF INVENTOR	Xianghao Meng
DATE	March, 24, 2010
RESIDENCE (CITY AND COUNTRY)	Shanghai, China

After recording, return Assignment to:

Texas Instruments Incorporated
 PO Box 655474, M/S 3999
 Dallas, TX 75265