

## PATENT ASSIGNMENT

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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>Xiaofeng Peng</td> <td>11/21/2012</td> </tr> <tr> <td>Yuan Chen</td> <td>11/21/2012</td> </tr> <tr> <td>Sen Wang</td> <td>11/21/2012</td> </tr> <tr> <td>Fuhuei Lin</td> <td>11/21/2012</td> </tr> <tr> <td>Yuchun Hung</td> <td>11/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	Xiaofeng Peng	11/21/2012	Yuan Chen	11/21/2012	Sen Wang	11/21/2012	Fuhuei Lin	11/21/2012	Yuchun Hung	11/21/2012
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RECEIVING PARTY DATA													
Name:	Spreadtrum Communication (Shanghai) Co. Ltd.												
Street Address:	Spreadtrum Center, Bldg. No. 1, Lane 2288, Zuchongzhi Road, ZhangJiang High-Tech Park, Pudongxinqu District												
City:	Shanghai												
State/Country:	CHINA												
Postal Code:	201203												
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>13683276</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13683276								
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CORRESPONDENCE DATA													
Fax Number:	9724808865												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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Correspondent Name:	HITT GAINES P.C.												
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ATTORNEY DOCKET NUMBER:	CPIT-0001												
NAME OF SUBMITTER:	Charles W. Gaines												

CH \$40.00 13683276

**Total Attachments: 5**

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Serial No.

**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, the said application having been executed on the date set forth below; and

WHEREAS, Spreadtrum Communication (Shanghai) Co. Ltd., a corporation organized and existing under the laws of China, with a place of business at Spreadtrum Center, Building No. 1, Lane 2288, Zuchongzhi Road, ZhangJiang High-Tech Park, Pudongxinqu District, Shanghai 201203, China, 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;

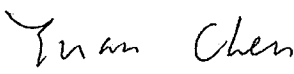
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said Spreadtrum Communication (Shanghai) Co. Ltd., its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof, and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to the said Spreadtrum Communication (Shanghai) Co. Ltd., as assignee of my entire right, title and interest.

I also hereby sell and assign to Spreadtrum Communication (Shanghai) Co. Ltd., its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

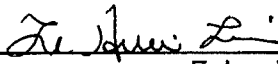
I hereby further agree that I will communicate to said Spreadtrum Communication (Shanghai) Co. Ltd., or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful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

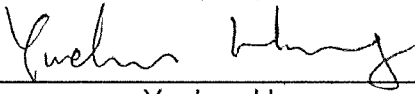
IN WITNESS WHEREOF, I hereunto set hand and seal this day and year;

TITLE OF INVENTION	<b>METHOD AND APPARATUS FOR MEASURING RESPONSE CURVE OF AN IMAGE SENSOR</b>
SIGNATURE OF INVENTOR AND NAME	<u>Xiaofeng Peng</u> Xiaofeng Peng
CITY AND STATE	Shanghai, China
DATE SIGNED	<u>11.21.2012</u>

TITLE OF INVENTION	<b>METHOD AND APPARATUS FOR MEASURING RESPONSE CURVE OF AN IMAGE SENSOR</b>
SIGNATURE OF INVENTOR AND NAME	 _____ Yuan Chen
CITY AND STATE	Shanghai, China
DATE SIGNED	<u>11.21.2012</u>

TITLE OF INVENTION	<b>METHOD AND APPARATUS FOR MEASURING RESPONSE CURVE OF AN IMAGE SENSOR</b>
SIGNATURE OF INVENTOR AND NAME	<u>Sen Wang</u> Sen Wang
CITY AND STATE	Shanghai, China
DATE SIGNED	<u>11.21.2012</u>

TITLE OF INVENTION	<b>METHOD AND APPARATUS FOR MEASURING RESPONSE CURVE OF AN IMAGE SENSOR</b>
SIGNATURE OF INVENTOR AND NAME	 Fuhuei Lin
CITY AND STATE	Shanghai, China
DATE SIGNED	<u>11/28/2012</u>

TITLE OF INVENTION	METHOD AND APPARATUS FOR MEASURING RESPONSE CURVE OF AN IMAGE SENSOR
SIGNATURE OF INVENTOR AND NAME	 Yuchun Huang
CITY AND STATE	Shanghai, China
DATE SIGNED	Nov. 21st, 2012