

## 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>Zhi Zhang</td> <td>05/20/2013</td> </tr> <tr> <td>Jiwu Liu</td> <td>05/17/2013</td> </tr> <tr> <td>Xianliang Chen</td> <td>05/17/2013</td> </tr> <tr> <td>Xichun Gao</td> <td>05/17/2013</td> </tr> <tr> <td>Yuan Xu</td> <td>05/17/2013</td> </tr> <tr> <td>Wenbo Lu</td> <td>05/17/2013</td> </tr> <tr> <td>Ma Zhang</td> <td>05/17/2013</td> </tr> <tr> <td>Yingping Hu</td> <td>05/17/2013</td> </tr> </tbody> </table>		Name	Execution Date	Zhi Zhang	05/20/2013	Jiwu Liu	05/17/2013	Xianliang Chen	05/17/2013	Xichun Gao	05/17/2013	Yuan Xu	05/17/2013	Wenbo Lu	05/17/2013	Ma Zhang	05/17/2013	Yingping Hu	05/17/2013
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Ma Zhang	05/17/2013																		
Yingping Hu	05/17/2013																		
RECEIVING PARTY DATA																			
Name:	Spreadtrum Communications (Shanghai) Co., Ltd																		
Street Address:	Spreadtrum Center, Bldg. 1, Lane 2288																		
Internal Address:	Zuchongzhi Road, Zhangjiang High-Tech Park																		
City:	Pudongxinqu District, 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>13989030</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13989030														
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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, PC																		
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CH \$40.00 13989030

ATTORNEY DOCKET NUMBER:	IEE110038PUS (CPIT)
NAME OF SUBMITTER:	David H. Hitt
Signature:	/David H. Hitt/
Date:	05/23/2013
Total Attachments: 8 source=CPIT-0002_Assign#page1.tif source=CPIT-0002_Assign#page2.tif source=CPIT-0002_Assign#page3.tif source=CPIT-0002_Assign#page4.tif source=CPIT-0002_Assign#page5.tif source=CPIT-0002_Assign#page6.tif source=CPIT-0002_Assign#page7.tif source=CPIT-0002_Assign#page8.tif	

Serial No.

Attorney Docket No.  
IEE110038PUS

**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 Communications (Shanghai) Co., Ltd., a corporation organized and existing under the laws of the Cayman Islands, with a place of business at Spreadtrum Center, Bldg. 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 Communications (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 Communications (Shanghai) Co., Ltd., as assignee of my entire right, title and interest.

I also hereby sell and assign to Spreadtrum Communications (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 Communications (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 Communications (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	A SERVICE PROCESSING METHOD, A BASEBAND PROCESSOR CHIP AND A TERMINAL
SIGNATURE OF INVENTOR AND NAME	 Zhi Zhang
(CITY AND COUNTRY)	Pudongxinqu District, Shanghai, China
DATE SIGNED	2013.5.20

IEE110038PUS (CPIT-002)

TITLE OF INVENTION	A SERVICE PROCESSING METHOD, A BASEBAND PROCESSOR CHIP AND A TERMINAL
SIGNATURE OF INVENTOR AND NAME	<u>Ji Wu Liu</u> Ji Wu Liu
RESIDENCE (CITY AND STATE)	Pudongxinqu District, Shanghai, China
DATE SIGNED	<u>2013-5-17</u>

TITLE OF INVENTION	A SERVICE PROCESSING METHOD, A BASEBAND PROCESSOR CHIP AND A TERMINAL
SIGNATURE OF INVENTOR AND NAME	<u>Xianliang Chen</u> Xianliang Chen
RESIDENCE (CITY AND STATE)	Pudongxinqu District, Shanghai, China
DATE SIGNED	<u>2013.5.17</u>

IEE110038PUS (CPIT-002)

TITLE OF INVENTION	A SERVICE PROCESSING METHOD, A BASEBAND PROCESSOR CHIP AND A TERMINAL
SIGNATURE OF INVENTOR AND NAME	<u>Xichun Gao</u> Xichun Gao
RESIDENCE (CITY AND STATE)	Pudongxinqu District, Shanghai, China
DATE SIGNED	<u>2013-5-17</u>

TITLE OF INVENTION	A SERVICE PROCESING METHOD, A BASEBAND PROCESSOR CHIP AND A TERMINAL
SIGNATURE OF INVENTOR AND NAME	<u>Yuan Xu</u> Yuan Xu
RESIDENCE (CITY AND STATE)	Pudongxinqu District, Shanghai, China
DATE SIGNED	<u>2013. 5. 17</u>

IEE110038PUS (CPIT-002)

TITLE OF INVENTION	A SERVICE PROCESING METHOD, A BASEBAND PROCESSOR CHIP AND A TERMINAL
SIGNATURE OF INVENTOR AND NAME	<u>Wenbo Lu</u> Wenbo Lu
RESIDENCE (CITY AND STATE)	Pudongxinqu District, Shanghai, China
DATE SIGNED	<u>2013.5.17</u>

IEE110038PUS (CPIT-002)



TITLE OF INVENTION	A SERVICE PROCESSING METHOD, A BASEBAND PROCESSOR CHIP AND A TERMINAL
SIGNATURE OF INVENTOR AND NAME	<u>Ma Zhang</u> Ma Zhang
RESIDENCE (CITY AND STATE)	Pudongxinq District, Shanghai, China
DATE SIGNED	<u>2013.5.17</u>

IEE110038PUS (CPIT-002)

TITLE OF INVENTION	A SERVICE PROCESSING METHOD, A BASEBAND PROCESSOR CHIP AND A TERMINAL
SIGNATURE OF INVENTOR AND NAME	<u>Yingping Hu</u> Yingping Hu
RESIDENCE (CITY AND STATE)	Pudongxinqu District, Shanghai, China
DATE SIGNED	<u>2013.5.17</u>

IEE110038PUS (CPIT-002)