

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
XINGHANG GAO	02/16/2017
WEIJIE XU	02/16/2017
ZHENGANG PAN	02/16/2017
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<b>State/Country:</b>	CHINA
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15453225
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<b>SIGNATURE:</b>	/Daniel P. Lent/
<b>DATE SIGNED:</b>	03/08/2017
<b>Total Attachments: 2</b>	
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## ASSIGNMENT

WHEREAS We, Xinghang GAO, Weijie XU and Zhengang PAN of Postbox No.5, Spreadtrum Center, Building No.1, Lane 2288, Zuchongzhi Road, Zhangjiang, Shanghai 201203, P.R.China (hereinafter referred to as "ASSIGNORS") have invented certain new and useful improvements in:

### **METHOD AND DEVICE FOR SHORT RANGE UNICAST COMMUNICATION**

which claims priority to Chinese Application No. 201610320303.0, filed May 13, 2016, and for which I am about to file or have filed an application for Letters Patent of the United States;

AND WHEREAS, Beijing Spreadtrum Hi-Tech Communications Technology Co., Ltd. (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of the Country of China, having a place of business at 18th Floor Block B, Truth Plaza, No.7 Zhichun Road Haidian District, Beijing 100191, P.R. China, is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefor;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention, the applications, and any and all patents that may be issued therefrom, in the United States and in all foreign countries, including any and all revivals, refilings, continuations, continuations-in part, divisions, and reissues thereof, to the said ASSIGNEE; and we, the ASSIGNORS, do hereby agree that we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like

so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 2017.2.16 高兴航 L.S.  
Xinghang GAO

Date: 2017.2.16 徐继 L.S.  
Weijie XU

Date: 2017.2.16 潘 L.S.  
Zhengang PAN