## 12/26/2013



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	Name:spreadtrum communications (shanghai) co., Ltd.
HE, Yiyue, ZHAO, Fengjuan	Internal Address: Spreadtrum Center, Building No. 1
Additional name(s) of conveying party(ies) attached? Yes X N	_i
3. Nature of conveyance/Execution Date(s):	Street Address: Lane 2288, Zuchongzhi Road
Execution Date(s)December 19, 2013	Zhangjiang High-Tech Park, Pudongxingu District
Assignment Merger	City: Shanghai
Security Agreement Change of Name	Ony. Shandha
Joint Research Agreement	State:
Government Interest Assignment	Country: CHINA Zip: 201203
Executive Order 9424, Confirmatory License	
Other	Additional name(s) & address(es) attached? Yes X No
A. Patent Application No.(s)  Additional numbers a	B. Patent No.(s)  •  attached? Yes XNo
5. Name and address to whom correspondence	6. Total number of applications and patents
concerning document should be mailed:	involved: 1
Name Myron Greenspan	7. Total fee (37 CFR 1.21(h) & 3.41) \$40,00
Internal Address: Lackenbach Slegel, LLP	7. Total loc (5) 51 N 1.21(11) & 5.11/
The first of the f	Authorized to be charged to deposit account
Discrete Address of the Control of t	Enclosed
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9. Signature:	01 FC-8021 40-06 DA
Signature	December 6, 2013  Date
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Andrew Young Name of Person Signing	sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1460, Alexandria, V.A. 22313-1450

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date: 12-23-2013

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PATENT REEL: 032082 FRAME: 0717

Attorney Docket No.: IPWEL.P7

## ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned inventors:

Name	Residence Address
Inventor (1): HE, Yiyue	Spreadtrum Center, Building No. 1 Lane 2288, Zuchongzhi Road, Zhangjiang High-Tech Park, Pudongxinqu District, Shanghai 201203, China Citizenship: CN
Inventor (2): ZHAO, Fengjuan	Spreadtrum Center, Building No. 1 Lane 2288, Zuchongzhi Road, Zhangjiang High-Tech Park, Pudongxinqu District, Shanghai 201203, China Citizenship: CN

declare that they are citizens of the country indicated above and with the residence as listed above,

Hereby sells, assigns and transfers his undivided interest to SPREADTRUM COMMUNICATIONS (SHANGHAI) CO., LTD., a corporation of P.R. China, hereafter called the "Assignee," having a place of business at: Spreadtrum Center, Building No. 1 Lane 2288, Zuchongzhi Road, Zhangjiang High-Tech Park, Pudongxinqu District, Shanghai 201203, China

To their successors, assigns and legal representatives, the entire right, title and interest for the United States and worldwide, in and to any and all improvements which are described and claimed in the

X	attached specification e	xecuted on <u>Dec</u>	ember 19, 2013,
spec	cification Serial No.	, filed on	•
<b>_</b>	U.S. Letters Patent No.	; issued	

entitled: RESISTIVE TOUCH SCREEN, AND DOUBLE-POINT DETECTION PROCESSING METHOD AND DEVICE THEREOF

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States or worldwide on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States or worldwide on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known to the undersigned relating

Attorney Docket No.: IPWEL.P7

to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

DATE Dec. 19, 2013

HE. Yiyue

DATE Dec. 19, 2013

ZHAO, Fengjuan