

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Spreadtrum Communications Corporation	12/17/2008
RECEIVING PARTY DATA	
Name:	Spreadtrum Communications Inc.
Street Address:	Ugland House, P.O. Box 309
Internal Address:	British West Indies
City:	George Town, Grand Cayman
State/Country:	CAYMAN ISLANDS
PROPERTY NUMBERS Total: 8	
Property Type	Number
Application Number:	11923477
Application Number:	11959267
Application Number:	11971180
Application Number:	12022984
Application Number:	12021275
Application Number:	12022797
Application Number:	12038651
Application Number:	12047232
CORRESPONDENCE DATA	
Fax Number:	(646)365-4418
	<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>
Phone:	626-802-5400
Email:	AWU.0711@GMAIL.COM
Correspondent Name:	Zhen Zheng Lu
Address Line 1:	1730 Huntington Drive #304
Address Line 4:	Duarte, CALIFORNIA 91010

OP \$320.00 11923477

NAME OF SUBMITTER:

Ping Wu

Total Attachments: 8

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ASSIGNMENT

WHEREAS, I (we), Spreadtrum Communications Corporation whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have made an invention entitled:

Processes and apparatus for establishing a secured connection with a joint test action group port
US Application No. 11/923,477

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

- executed on even data herewith
- executed on:
- filed on:

Serial No.:

WHEREAS, Spreadtrum Communications Inc. whose post office address is Uglan House, P.O. Box 309, George Town, Grand Cayman, Cayman Islands, British West Indies hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR requests that you direct all correspondence to customer number 71716.

ASSIGNOR NAME: Spreadtrum Communications Corporation

ADDRESS: 810 E. Arques Ave., Sunnyvale, CA, USA

COMPANY REPRESENTATIVE: Ping Wu

REPRESENTATIVE TITLE: Director

SIGNATURE: [Handwritten Signature]

DATE: 2008 12 17

ASSIGNMENT

WHEREAS, I (we), Spreadtrum Communications Corporation whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have made an invention entitled: MULTI-PARTY DIGITAL INTERCOMMUNICATION SYSTEMS AND ASSOCIATED METHODS OF OPERATION US Application No. 11/959,267 (hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

executed on even data herewith
 executed on:
 filed on: Serial No.:

WHEREAS, Spreadtrum Communications Inc. whose post office address is Uglan House, P.O. Box 309, George Town, Grand Cayman, Cayman Islands, British West Indies hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

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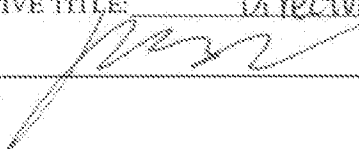
ASSIGNOR requests that you direct all correspondence to customer number 71716.

ASSIGNOR NAME: Spreadtrum Communications Corporation

ADDRESS: 810 E. Arques Ave., Sunnyvale, CA, USA

COMPANY REPRESENTATIVE: Ping Wu

REPRESENTATIVE TITLE: Director

SIGNATURE: 

DATE: 2008.12.17

ASSIGNMENT

WHEREAS, I (we), Spreadtrum Communications Corporation whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have made an invention entitled:

COLLISION AVOIDANCE METHODS AND APPARATUS FOR INTERCOMMUNICATION SYSTEMS US Application No. 11/971,180

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

executed on even data herewith
 executed on:
 filed on: Serial No.:

WHEREAS, Spreadtrum Communications Inc. whose post office address is Uglad House, P.O. Box 309, George Town, Grand Cayman, Cayman Islands, British West Indies hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

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ASSIGNOR NAME: Spreadtrum Communications Corporation

ADDRESS: 810 E. Arques Ave., Sunnyvale, CA, USA

COMPANY REPRESENTATIVE: Ping Wu

REPRESENTATIVE TITLE: Director

SIGNATURE: [Handwritten Signature]

DATE: 2008.12.17

ASSIGNMENT

WHEREAS, I (we), Spreadtrum Communications Corporation, whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have made an invention entitled:

Networking method of Single Frequency Network in TD-SDMA system
US Application No. 12/022,984

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

- executed on even data herewith
- executed on:
- filed on: Serial No.:

WHEREAS, Spreadtrum Communications Inc. whose post office Uglund House, P.O. Box 309, George Town, Grand Cayman, Cayman Islands, address is British West Indies hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States:

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

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ASSIGNOR requests that you direct all correspondence to customer number 71716.

ASSIGNOR Spreadtrum Communications Corporation
NAME:

ADDRESS: 810 E. Arques Ave., Sunnyvale, CA, USA

COMPANY REPRESENTATIVE: Ping Wu

REPRESENTATIVE TITLE: Director

[Signature]
SIGNATURE

2008.12.17
DATE

ASSIGNMENT

WHEREAS, I (we), Spreadtrum Communications Corporation whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have made an invention entitled:

Mobile TV broadcast systems and methods based on TD-SCDMA network US Application No. 12/021,275 (hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

executed on even data herewith
 executed on:
 filed on: Serial No.:

WHEREAS, Spreadtrum Communications Inc. whose post office address is Ugland House, P.O. Box 309, George Town, Grand Cayman, Cayman Islands, British West Indies hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

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ASSIGNOR requests that you direct all correspondence to customer number 71716.

ASSIGNOR NAME: Spreadtrum Communications Corporation

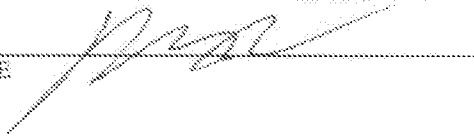
ADDRESS: 810 E. Arques Ave., Sunnyvale, CA, USA

COMPANY REPRESENTATIVE: Ping Wu

REPRESENTATIVE TITLE: Director

SIGNATURE

DATE

 2008.12.17

ASSIGNMENT

WHEREAS, I (we), Spreadtrum Communications Corporation, whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have made an invention entitled:

The receiving method of the TD-SCDMA based SFN network US Application No. 12/022,797 (hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

executed on even data herewith

executed on:

filed on:

Serial No.:

WHEREAS, Spreadtrum Communications Inc. whose post office address is Uglan House, P.O. Box 309, George Town, Grand Cayman, Cayman Islands, British West Indies hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

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ASSIGNOR Spreadtrum Communications Corporation
NAME:

ADDRESS: 810 E. Arques Ave., Sunnyvale, CA, USA

COMPANY REPRESENTATIVE: Ping Wu

REPRESENTATIVE TITLE: Director

SIGNATURE

DATE

2008 12 17

ASSIGNMENT

WHEREAS, I (we), Spreadtrum Communications Corporation, whose post office address(es) appears below, hereinafter referred to as ASSIGNOR, have made an invention entitled:

Error Correction Methods and Apparatus for Mobile Broadcast Services
US Application No. 12/038,651

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

executed on even data herewith

executed on:

filed on:

Serial No.:

WHEREAS, Spreadtrum Communications Inc. whose post office address is Uglan House, P.O. Box 309, George Town, Grand Cayman, Cayman Islands, British West Indies hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

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ASSIGNOR NAME: Spreadtrum Communications Corporation

ADDRESS: 810 E. Arques Ave., Sunnyvale, CA, USA

COMPANY REPRESENTATIVE: Ping Wu

REPRESENTATIVE TITLE: Director

SIGNATURE

[Handwritten Signature]

DATE

2008.12.17

ASSIGNMENT

WHEREAS, I (we), Spreadtrum Communications Corporation, whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have made an invention entitled: METHODS AND APPARATUS FOR POST-PROCESSING OF SPEECH SIGNALS US Application No. 12/047,232

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

executed on even data herewith
 executed on:
 filed on: Serial No.:

WHEREAS, Spreadtrum Communications Inc. whose post office address is Uglad House, P.O. Box 309, George Town, Grand Cayman, Cayman Islands, British West Indies hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

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ASSIGNOR NAME: Spreadtrum Communications Corporation

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COMPANY REPRESENTATIVE: Ping Wu

REPRESENTATIVE TITLE: Director

SIGNATURE: [Handwritten Signature]

DATE: 2008.12.17