

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| David Haub | 08/29/2011 |
| Zhigang Xu | 08/29/2011 |
| Jarrett Malone | 08/29/2011 |
| RECEIVING PARTY DATA | |
| Name: | Spreadtrum Communications USA |
| Street Address: | 5960 Cornerstone Court |
| City: | San Diego |
| State/Country: | CALIFORNIA |
| Postal Code: | 92121 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 13190161 |
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| ATTORNEY DOCKET NUMBER: | F6391-00003 |
| NAME OF SUBMITTER: | Arvind Jairam |
| Total Attachments: 2 source=f639100003assignment#page1.tif source=f639100003assignment#page2.tif | |

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PATENT
 REEL: 027013 FRAME: 0603

ASSIGNMENT

(1) Assignor (1) David Haub
Zhigang Xu
Jarrett Malone

For good and valuable consideration, sufficiency and receipt of which is hereby acknowledged by the undersigned(s), the undersigned agree(s) to assign, and hereby do(es) assign, transfer and set over to

(2) Insert name of Assignee (2) Spreadtrum Communications USA

(3) Insert address of Assignee (3) 5960 Cornerstone Court
San Diego, CA 92121

and its successors, legal representatives and assigns (hereinafter designated as the Assignee) the entire right, title and interest in the invention disclosed and/or claimed in the United States application identified below, as well as all applications for patent and any Letters Patent which may be granted therefor and therefrom in the United States of America and all foreign countries, and in and to any and all divisions, continuations, continuations-in-part of said applications, or re-issues or extensions of said patents or Letters Patent, and all rights under the International Convention for the Protection of Industrial Property:

(4) Insert Identification of (4) DETECTION AND MITIGATION OF
INTERFERENCE IN A RECEIVER

Invention, such as Title,
Docket Number, or Foreign
Application Number

(5) Alternative identification (5) Application Number: 13/190,161
for filed applications Filed: July 25, 2011


The undersigned further agree(s) to cooperate with the Assignee in every way possible and to do all affirmative acts, and to execute all papers which counsel for Assignee shall advise are necessary and/or desirable without charge to Assignee in connection with said applications

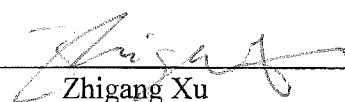
including, without limitation, the execution of separate assignments in connection with such applications, claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.


The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to said Assignee, as Assignee of the entire interest, and hereby covenants that he/she has (they have) full right to convey the entire interest herein assigned, and that he/she has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) to James Y.C. Sze, Reg No. 43,943; Arvind Jairam, Reg. No. 62,759; D. Joseph English, Reg. No. 42,514; Mark C. Comtois, Reg. No. 46,285; and Patrick D. McPherson, Reg. No. 46,255 the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 8/29/2011 Signature of Inventor 
David Haub

Date 8/29/2011 Signature of Inventor 
Zhigang Xu

Date 8-29-2011 Signature of Inventor 
Jarrett Malone