

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Qifan CHEN	11/01/2011
Kai SHI	11/11/2011
Ning ZHANG	11/14/2011
RECEIVING PARTY DATA	
Name:	Qualcomm Atheros, Inc.
Street Address:	1700 Technology Drive
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95110
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13297202
CORRESPONDENCE DATA	
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Correspondent Name:	Mahamedi Paradise Kreisman LLP (ATHR)
Address Line 1:	550 S. Winchester Blvd.
Address Line 2:	Suite 605
Address Line 4:	San Jose, CALIFORNIA 95128
ATTORNEY DOCKET NUMBER:	ATHR.P0700
NAME OF SUBMITTER:	William L. Paradise III
Total Attachments: 3 source=113222_ATHRP0700_13297202_ASSIGNMENT_111511#page1.tif source=113222_ATHRP0700_13297202_ASSIGNMENT_111511#page2.tif source=113222_ATHRP0700_13297202_ASSIGNMENT_111511#page3.tif	

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PATENT
REEL: 027231 FRAME: 0706

ASSIGNMENT

WHEREAS WE, **Qifan CHEN, Kai SHI and Ning ZHANG**; have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled **"METHOD AND APPARATUS FOR DETERMINING DISTANCE IN A WI-FI NETWORK"** (Attorney Ref. No: ATHR.P0700);

AND WHEREAS, **Qualcomm Atheros, Inc.**, a Delaware corporation having an address of **1700 Technology Drive, San Jose, CA 95110**, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefrom;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, we do hereby sell, assign, transfer and set over unto **Qualcomm Atheros, Inc.**, its legal representatives, successors, and assigns ("Assignee"), the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention and claim priority to said application;

UPON SAID CONSIDERATIONS, we hereby agree with the said Assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we will, at any time upon request, without further or additional consideration but at the expense of said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and

agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and Assignee;

AND WE REQUEST the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

11/01/2011
Date

Qifan Chen
Qifan CHEN

Date

Kai SHI

Date

Ning ZHANG

agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and Assignee;

AND WE REQUEST the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date

11/11/2011

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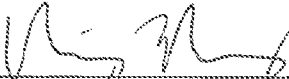
11/14/11

Date

Qifan CHEN



Kai SHI



Ning ZHANG