

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Kai Shi	07/13/2011
Felix Bitterli	07/13/2011
Richard Mosko	07/13/2011
Tao-Fei Samuel Ng	07/13/2011
RECEIVING PARTY DATA	
Name:	Qualcomm Atheros Communications, Inc.
Street Address:	1700 Technology Drive
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95110
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13184464
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NAME OF SUBMITTER:	Nathan P. Koenig
Total Attachments: 2 source=ATH0723 Assignment#page1.tif source=ATH0723 Assignment#page2.tif	

OP \$40.00 13184464

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we


**Kai Shi of Sunnyvale, California
Felix Bitterli of San Jose, California
Richard Mosko of Santa Clara, California
Tao-Fei Samuel Ng of Fremont, California**

hereby sell, assign and transfer to Qualcomm Atheros Communications, Inc., a Delaware corporation, having a place of business at 1700 Technology Drive, San Jose, CA 95110, its successors and assigns, the entire right, title and interest throughout the world in our invention in

SYSTEM AND METHOD FOR PROVIDING REDUCED COMPLEXITY MAXIMUM LIKELIHOOD MIMO DETECTION

for which we will execute a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 13 day of July, 2011.



Kai Shi

Witness 1: _____

Witness 2: _____

Executed this 13 day of July, 2011.



Felix Bitterli

Witness 1: _____

Witness 2: _____

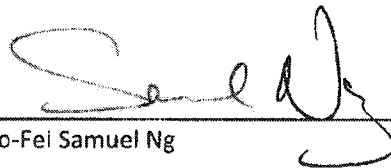
Executed this 13 day of July, 2011.


Richard Mosko

Witness 1: _____

Witness 2: _____

Executed this 13 day of July, 2011.


Tao-Fei Samuel Ng

Witness 1: _____

Witness 2: _____