

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Qifan Chen</td> <td>08/28/2009</td> </tr> <tr> <td>Ning Zhang</td> <td>08/26/2009</td> </tr> <tr> <td>James Cho</td> <td>08/26/2009</td> </tr> <tr> <td>William J. McFarland</td> <td>09/03/2009</td> </tr> </tbody> </table>		Name	Execution Date	Qifan Chen	08/28/2009	Ning Zhang	08/26/2009	James Cho	08/26/2009	William J. McFarland	09/03/2009
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Qifan Chen	08/28/2009										
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James Cho	08/26/2009										
William J. McFarland	09/03/2009										
RECEIVING PARTY DATA											
Name:	Atheros Communications, Inc.										
Street Address:	5480 Great America Parkway										
City:	Santa Clara										
State/Country:	CALIFORNIA										
Postal Code:	95054										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12553757</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12553757						
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Application Number:	12553757										
CORRESPONDENCE DATA											
Fax Number:	(408)200-0930										
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ATTORNEY DOCKET NUMBER:	ATH-0436										
NAME OF SUBMITTER:	Jeanette S. Harms										

OP \$40.00 12553757

Total Attachments: 1

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ASSIGNMENT

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

Qifan Chen of 5480 Great America Parkway Santa Clara, CA 95054
Ning Zhang of 5480 Great America Parkway Santa Clara, CA 95054
James Cho of 5480 Great America Parkway Santa Clara, CA 95054
William J. McFarland of 5480 Great America Parkway Santa Clara, CA 95054

hereby sell, assign and transfer to Atheros Communications, Inc., a Delaware corporation, having a place of business at 5480 Great America Parkway Santa Clara, CA 95054, its successors and assigns, the entire right, title and interest throughout the world in our invention in

"SYNCHRONIZATION-FREE STATION LOCATOR IN WIRELESS NETWORK"

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 25th day of August, 2009 Qifan Chen
Qifan Chen

Signature Witness 1: [Signature] Signature Witness 2:
(Print name) ROBERT ANTONIO (Print name)

Executed this 26th day of August, 2009 Ning Zhang
Ning Zhang

Signature Witness 1: [Signature] Signature Witness 2:
(Print name) ROBERT ANTONIO (Print name)

Executed this 26th day of August, 2009 James Cho
James Cho

Signature Witness 1: [Signature] Signature Witness 2:
(Print name) ROBERT ANTONIO (Print name)

Executed this 3 day of September, 2009 William J. McFarland
William J. McFarland

Signature Witness 1: [Signature] Signature Witness 2:
(Print name) ROBERT ANTONIO (Print name)