

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hongyuan ZHANG</td> <td>04/18/2008</td> </tr> <tr> <td>Rohit U. NABAR</td> <td>04/18/2008</td> </tr> </tbody> </table>		Name	Execution Date	Hongyuan ZHANG	04/18/2008	Rohit U. NABAR	04/18/2008
Name	Execution Date						
Hongyuan ZHANG	04/18/2008						
Rohit U. NABAR	04/18/2008						
RECEIVING PARTY DATA							
Name:	MARVELL SEMICONDUCTOR, INC.						
Street Address:	5488 Marvell Lane						
City:	Santa Clara						
State/Country:	CALIFORNIA						
Postal Code:	95054						
PROPERTY NUMBERS Total: 2							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12105750</td> </tr> <tr> <td>Application Number:</td> <td>60913070</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12105750	Application Number:	60913070
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Application Number:	12105750						
Application Number:	60913070						
CORRESPONDENCE DATA							
Fax Number:	(312)474-0448						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	312-474-6300						
Email:	docket@marshallip.com						
Correspondent Name:	Marshall, Gerstein & Borun LLP						
Address Line 1:	233 S. Wacker Dr.						
Address Line 2:	6300 Sears Tower						
Address Line 4:	Chicago, ILLINOIS 60606						
ATTORNEY DOCKET NUMBER:	31146/MP1878						
NAME OF SUBMITTER:	Aaron M. Peters						

Total Attachments: 2
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PATENT
REEL: 020827 FRAME: 0649

OP \$80.00 12105750

Docket#: MP1878

PATENT

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned,

Hongyuan ZHANG
Rohit U. NABAR

who have created a certain invention for which an application for United States Letters Patent was executed by me concurrently herewith and entitled:

ANTENNA SELECTION AND TRAINING USING A SPATIAL SPREADING MATRIX FOR USE IN A WIRELESS MIMO COMMUNICATION SYSTEM

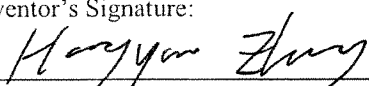
Do hereby sell, assign and transfer to Marvell Semiconductor, Inc., a corporation of California, having a place of business at 5488 Marvell Lane, Santa Clara, CA 95054, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Do hereby further sell, assign and transfer to Marvell Semiconductor, Inc., its successors, assigns, and legal representatives, the full and exclusive right to United States Provisional Patent Applications(s) No(s). 60/913,070, filed April 20, 2007, and to any and all inventions described in said provisional patent application(s) for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be entitled to the benefit thereof in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Agree that Marvell Semiconductor, Inc., hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns, or legal representatives; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

IN TESTIMONY WHEREOF I have hereunto set MY signature on the date indicated below.

Full Name of Sole/First Inventor:	
Hongyuan ZHANG	
Inventor's Signature:	Date: Month/Day/Year
	04/18/2008

Docket#: MP1878

Full Name of Second Inventor, if any:

Rohit U. NABAR

Inventor's Signature:

R. U. Nabar

Date: Month/Day/Year

04/18/2008