

PATENT ASSIGNMENT

Electronic Version v1.1

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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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yong Liu</td> <td>02/23/2011</td> </tr> <tr> <td>Harish Ramamurthy</td> <td>02/23/2011</td> </tr> <tr> <td>Raja Banerjea</td> <td>02/23/2011</td> </tr> </tbody> </table>		Name	Execution Date	Yong Liu	02/23/2011	Harish Ramamurthy	02/23/2011	Raja Banerjea	02/23/2011		
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Marvell Semiconductor, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>5488 Marvell Lane</td> </tr> <tr> <td>City:</td> <td>Santa Clara</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95054</td> </tr> </table>		Name:	Marvell Semiconductor, Inc.	Street Address:	5488 Marvell Lane	City:	Santa Clara	State/Country:	CALIFORNIA	Postal Code:	95054
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CORRESPONDENCE DATA											
<p>Fax Number: (408)222-2755</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 408-222-2500</p> <p>Email: hng@marvell.com</p> <p>Correspondent Name: Horace Ng</p> <p>Address Line 1: 5488 Marvell Lane</p> <p>Address Line 4: Santa Clara, CALIFORNIA 95054</p>											
ATTORNEY DOCKET NUMBER:	MP3572.C1										
NAME OF SUBMITTER:	Horace Ng										
<p>Total Attachments: 2</p> <p>source=MP3572.C1_EXECUTED ASSIGNMENT INV TO MSI#page1.tif</p> <p>source=MP3572.C1_EXECUTED ASSIGNMENT INV TO MSI#page2.tif</p>											

OP \$40.00 13034421

PATENT

501450155

REEL: 025867 FRAME: 0833

ASSIGNMENT

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

Yong Liu, Harish Ramamurthy, Raja Banerjea

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

Methods and Apparatus for Clear Channel Assessment

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 therefor 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;

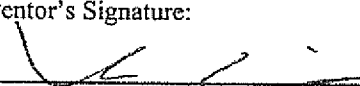
Do hereby further sell, assign and transfer to Marvell Semiconductor, Inc., its successors, assigns, and legal representatives, the full and exclusive right to United States Provisional Patent Applications Nos. 61/307,782 filed 02/24/2010; 61/331,771 filed 05/05/2010; 61/354,021 filed 06/11/2010; 61/362,238 filed 07/07/2010; 61/380,911 filed 09/08/2010; 61/389,631 filed 10/04/2010; 61/390,978 filed 10/07/2010; 61/407,269 filed 10/27/2010; 61/409,812 filed 11/03/2010; 61/412,361 filed 11/10/2010; and 61/415,778 filed 11/19/2010, and to any and all inventions described in said provisional patent applications 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;

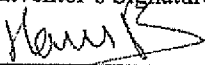
Agree that Marvell Semiconductor, Inc., hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, 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

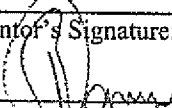
Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed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

Docket#: MP3572C1

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

Full Name of First Inventor:	
Yong LIU	
Inventor's Signature:	Date: Month/Day/Year
	02/23/11

Full Name of Second Inventor	
Harish RAMAMURTHY	
Inventor's Signature:	Date: Month/Day/Year
	2/23/11

Full Name of Third Inventor	
Raja BANERJEA	
Inventor's Signature:	Date: Month/Day/Year
	2/23/11