

PATENT ASSIGNMENT COVER SHEET

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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>QING ZHAO</td> <td>09/03/2013</td> </tr> <tr> <td>CHUSONG XIAO</td> <td>08/30/2013</td> </tr> <tr> <td>MANYUAN SHEN</td> <td>09/03/2013</td> </tr> <tr> <td>HUI-LING LOU</td> <td>09/03/2013</td> </tr> <tr> <td>LEILEI SONG</td> <td>08/30/2013</td> </tr> </tbody> </table>		Name	Execution Date	QING ZHAO	09/03/2013	CHUSONG XIAO	08/30/2013	MANYUAN SHEN	09/03/2013	HUI-LING LOU	09/03/2013	LEILEI SONG	08/30/2013
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<table border="1"> <tr> <td>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													
Fax Number:	(408)222-2755												
Phone:	4082222500												
Email:	lana@marvell.com												
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
Correspondent Name:	HORACE NG												
Address Line 1:	5488 MARVELL LANE												
Address Line 4:	SANTA CLARA, CALIFORNIA 95054												
ATTORNEY DOCKET NUMBER:	MP4932												
NAME OF SUBMITTER:	HORACE NG												

Signature:	/Horace Ng/
Date:	11/19/2013
Total Attachments: 6 source=MP4932-EXECUTED Assignment INV-MSI#page1.tif source=MP4932-EXECUTED Assignment INV-MSI#page2.tif source=MP4932-EXECUTED Assignment INV-MSI#page3.tif source=MP4932-EXECUTED Assignment INV-MSI#page4.tif source=MP4932-EXECUTED Assignment INV-MSI#page5.tif source=MP4932-EXECUTED Assignment INV-MSI#page6.tif	

ASSIGNMENT

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

Qing Zhao; Chusong Xiao; Manyuan Shen; Hui-Ling Lou; Leilei Song

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

ACQUISITION OF PERIODIC SYNCHRONIZATION SIGNALS

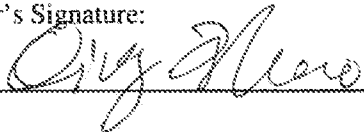
Do hereby sell, assign and transfer to Marvell Semiconductor, Inc., a corporation of California, having a place of business at 5488 Marvell Lane, Santa Clara, CA 95054, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and 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(s) No(s). 61/702,441, filed September 18, 2012, entitled, Acquisition of Periodic Synchronization Signals 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 First Inventor:	
Qing Zhao	
Inventor's Signature:	Date: Month/Day/Year
	9-3-2013

Full Name of Second Inventor:	
Chusong Xiao	
Inventor's Signature:	Date: Month/Day/Year

Full Name of Third Inventor:	
Manyuan Shen	
Inventor's Signature:	Date: Month/Day/Year

Full Name of Fourth Inventor:	
Hui-Ling Lou	
Inventor's Signature:	Date: Month/Day/Year

Full Name of Fifth Inventor:	
Leilei Song	
Inventor's Signature:	Date: Month/Day/Year

Full Name of First Inventor:	
Qing Zhao	
Inventor's Signature:	Date: Month/Day/Year

Full Name of Second Inventor:	
Chusong Xiao	
Inventor's Signature:	Date: Month/Day/Year
<i>Xiao Chusong</i>	08/30/2013

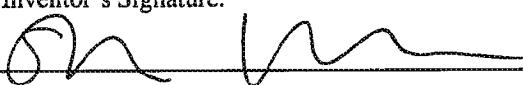
Full Name of Third Inventor:	
Manyuan Shen	
Inventor's Signature:	Date: Month/Day/Year

Full Name of Fourth Inventor:	
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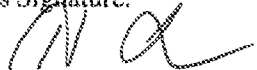
Full Name of Fourth Inventor:	
Hui-Ling Lou	
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Full Name of Fifth Inventor:	
Leilei Song	
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Inventor's Signature:

Date: Month/Day/Year

Full Name of Fourth Inventor:

Hui-Ling Lou

Inventor's Signature:

Date: Month/Day/Year

Full Name of Fifth Inventor:

Leilei Song

Inventor's Signature:

Date: Month/Day/Year

8/30/2013