

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4067077

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LIWEN CHU	12/04/2015
LEI WANG	12/04/2015
HONGYUAN ZHANG	12/04/2015
JINJING JIANG	12/04/2015
HUI-LING LOU	12/04/2015
RECEIVING PARTY DATA	
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Street Address:	5488 MARVELL LANE.
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14960151
CORRESPONDENCE DATA	
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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Address Line 4:	SANTA CLARA, CALIFORNIA 95054
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NAME OF SUBMITTER:	KELVIN VIVIAN
SIGNATURE:	/KELVIN VIVIAN/
DATE SIGNED:	09/23/2016
Total Attachments: 3	
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ASSIGNMENT

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

Liwen Chu, Lei Wang, Hongyuan Zhang, Jinjing Jiang, and Hui-Ling Lou

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

METHODS AND SYSTEMS FOR ENABLING COMMUNICATIONS FROM A STATION TO AN ACCESS POINT USING AN ORTHOGONAL FREQUENCY DIVISION MULTIPLE ACCESS (OFDMA) COMMUNICATION SCHEME

Does 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;

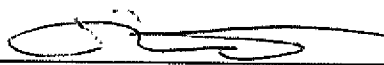
Does hereby further sell, assign and transfer to Marvell Semiconductor, Inc., its successors, assigns, and legal representatives, the full and exclusive right to United States Provisional Patent Applications(s) No(s). 62/088,241, filed on December 5, 2014, 62/092,048 filed on December 15, 2014, 62/112,972 filed on February 06, 2015, 62/154,034 filed on April 28, 2015, 62/157,727 filed on May 06, 2015, and 62/168,662 filed on May 29, 2015 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;

Agrees 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

Covenants 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 we have hereunto set our signatures on the date(s) indicated below.

Full Name of First Inventor: Liwen Chu	
Inventor's Signature:	Date: Month/Day/Year


Full Name of Second Inventor: Lei Wang	
Inventor's Signature: 	Date: Month/Day/Year 12 4 15

Full Name of Third Inventor: Hongyuan Zhang	
Inventor's Signature:	Date: Month/Day/Year

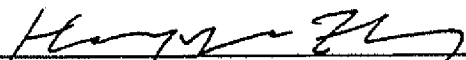
Full Name of Fourth Inventor: Jinjing Jiang	
Inventor's Signature:	Date: Month/Day/Year

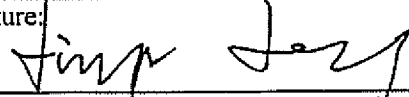
Full Name of Fifth Inventor: Hui-Ling Lou	
Inventor's Signature:	Date: Month/Day/Year


IN TESTIMONY WHEREOF we have hereunto set our signatures on the date(s) indicated below.

Full Name of First Inventor: Liwen Chu	
Inventor's Signature: 	Date: Month/Day/Year 12/04/15

Full Name of Second Inventor: Lei Wang	
Inventor's Signature:	Date: Month/Day/Year

Full Name of Third Inventor: Hongyuan Zhang	
Inventor's Signature: 	Date: Month/Day/Year 12/4/2015

Full Name of Fourth Inventor: Jinjing Jiang	
Inventor's Signature: 	Date: Month/Day/Year 12/4/2015

Full Name of Fifth Inventor: Hui-Ling Lou	
Inventor's Signature: 	Date: Month/Day/Year 12/4/15