504075028 10/31/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4121695

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VINEY GAUTAM	09/09/2016
YICHENG GUO	09/07/2016
HUNGLIN HSU	09/07/2016

RECEIVING PARTY DATA

Name:	MARVELL SEMICONDUCTOR, INC.	
Street Address:	5488 MARVELL LANE.	
City:	SANTA CLARA	
State/Country:	CALIFORNIA	
Postal Code:	95054	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15278308

CORRESPONDENCE DATA

Fax Number: (408)222-2755

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.

Phone: 4082222500

Email: syzemore@marvell.com

Correspondent Name: KELVIN VIVIAN

5488 MARVELL LANE Address Line 1:

Address Line 4: SANTA CLARA, CALIFORNIA 95054

ATTORNEY DOCKET NUMBER:	MP6495
NAME OF SUBMITTER:	KELVIN VIVIAN
SIGNATURE:	/KELVIN VIVIAN/
DATE SIGNED:	10/31/2016

Total Attachments: 4

source=MP6495 EXECUTED Assign INV-MSI#page1.tif source=MP6495 EXECUTED Assign INV-MSI#page2.tif source=MP6495 EXECUTED Assign INV-MSI#page3.tif source=MP6495 EXECUTED Assign INV-MSI#page4.tif

PATENT REEL: 040178 FRAME: 0736 504075028

Docket#: MP6495-005900US PATENT

ASSIGNMENT

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

Viney GAUTAM Yicheng GUO Hunglin HSU

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

DATA CACHING CIRCUIT AND METHOD

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). 62/244,445, filed October 21, 2015, entitled, DATA CACHING TECHNIQUE FOR BETTER DATA READ LATENCY, 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;

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 Assignce, 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.

ı

PATENT REEL: 040178 FRAME: 0737 IN TESTIMONY WHEREOF I have hereunto set MY signature on the date indicated below.

Full Name of Sole/First Inventor:	
Viney GAUTAM	
Inventor's Signature:	Date: Month/Day/Year
(Parton	09-09-2016
Full Name of Inventor:	
Yicheng GUO	
Inventor's Signature:	Date: Month/Day/Year
Full Name of Inventor:	
Hunglin HSU	
Inventor's Signature:	Date: Month/Day/Year

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

Full Name of Sole/First Inventor:	
Viney GAUTAM	
Inventor's Signature:	Date: Month/Day/Year
Full Name of Inventor:	
Yicheng GUO	
Inventor's Signature:	Date: Month/Day/Year
4111	09/07/16
Full Name of Inventor:	
Hunglin/HSU	
Inventor's Signature:	Date: Month/Day/Year

Docket#: MP6495-005900US

PATENT

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

Full Name of Sole/First Inventor:		
Viney GAUTAM		
Inventor's Signature:	Date: Month/Day/Year	
Full Name of Inventor:		
Yicheng GUO		
Inventor's Signature:	Date: Month/Day/Year	
Full Name of Inventor:		
Hunglin HSU		
Inventor's Signaturez	Date: Month/Day/Year	
Inventor's Signaturez - / Jsul	9/7/16	