# 503328478 05/29/2015

# PATENT ASSIGNMENT COVER SHEET

EPAS ID: PAT3375096

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:CORRECTIVE ASSIGNMENTNATURE OF CONVEYANCE:Corrective Assignment to correct the ASSIGNMENT RECORDED UNDER WRONG NO.: 14/503,111 INSTEAD OF SN NO.: 14/503,311. previously recorded on Reel 033914 Frame 0217. Assignor(s) hereby confirms the ASSIGNMENT RECORDED UNDER WRONG NO.: 14/503,111 INSTEAD OF SN NO.: 14/503,311..RESUBMIT DOCUMENT ID:503307848

# **CONVEYING PARTY DATA**

Name	Execution Date
UMESH SURESH VAISHAMPAYAN	08/18/2014
DEREK R. KUMAR	08/28/2014
CECILE MARIE FORET	09/26/2014
ANTHONY GRAHAM SUMPTER	09/29/2014
HARSHAVARDHAN P. GOPALAKRISHNAN	07/23/2014
WILLIAM E. DAMON III	08/28/2014

### **RECEIVING PARTY DATA**

Name:	APPLE INC.
Street Address:	1 INFINITE LOOP
City:	CUPERTINO
State/Country:	CALIFORNIA
Postal Code:	95014

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14503311

### CORRESPONDENCE DATA

**Fax Number:** (408)720-8383

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:** 408-720-8300

**Email:** carla\_nascimento@bstz.com

Correspondent Name: ERIC S. REPLOGLE

Address Line 1: 1279 OAKMEAD PARKWAY

Address Line 4: SUNNYVALE, CALIFORNIA 94085-4040

ATTORNEY DOCKET NUMBER: 4860P22881

NAME OF SUBMITTER: ERIC S. REPLOGLE

PATENT 503328478 REEL: 035760 FRAME: 0637

SIGNATURE:	/Eric S. Replogle/
DATE SIGNED:	05/29/2015

### **Total Attachments: 26**

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> PATENT REEL: 035760 FRAME: 0638

Assignment Page 1 of 2

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
UMESH SURESH VAISHAMPAYAN	08/18/2014
DEREK R. KUMAR	08/28/2014
CECILE MARIE FORET	09/26/2014
ANTHONY GRAHAM SUMPTER	09/29/2014
HARSHAVARDHAN P. GOPALAKRISHNAN	07/23/2014
WILLIAM E. DAMON, III	08/28/2014

### RECEIVING PARTY DATA

Name:	APPLE INC.
Street Address:	I INFINITE LOOP
City:	CUPERTINO
State/Country:	CALIFORNIA
Postal Code:	95014

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14503111

### CORRESPONDENCE DATA

Fax Number: (408)720-8383 4087208300 vess(u, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

ERICS. REPLOGLE Correspondent Name: Address Line 1:

1279 OAKMEAD PARKWAY SUNNYVALE, CALIFORNIA 94085-4040

ATTORNEY DOCKET NUMBER:	4860P22881
NAME OF SUBMITTER:	ERIC S. REPLOGLE
Signature:	/ERIC S. REPLOGLE/
Date:	10/08/2014

#### **Total Attachments: 8**

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Assignment Page 2 of 2

RECEIPT INFORMATION

**EPAS ID:** PAT3057730 **Receipt Date:** 10/08/2014

SSIGNMENT OF PATENT APPLICATION	Attorney Docket No.: 04860.P22881
For good and valuable consideration, the receipt and	d sufficiency of which is hereby
acknowledged, I/we, the undersigned, <u>Umesh Suresh Vaishampayan, Derek R. Kumar,</u>	
Cecile Marie Foret, Anthony Graham Sumpter, Harshavard	<u>han P. Gopalakrishnan, and</u>
William E. Damon III	
hereby sell, assign, and transfer to Apple Inc.	
Communication of	r en ur
a <u>Corporation</u> (Type of Assignee: e.g., corporation, company, partnership, university, e	of <u>California</u> etc.)
having a principal place of business at1 Infinite	Loop, Cupertino, CA 95014
("Assignee"), and its successors, assigns, and legal represe for the United States and all foreign countries, in and to any are disclosed in the application (provisional or non-provision the non-provisional application may have a declaration exec concurrently herewith and which application (provisional or r	and all inventions or improvements that all inventions or improvements that all for the United States patent which for cuted by the undersigned prior hereto or
Selective GPU Throttling	
said patent application also identified as follows (when know	vn):

United States Patent Application Number <u>14/503,311</u> filed <u>September 30, 2014,</u>

number and filing date of said patent application when known.)

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents

covenant with said Assignee, its successors, assigns, and 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.

Each Inventor: Please Sign and Date Below:		
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Date	Signature	
	Umesh Suresh Valshampayan	
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Each Inventor: Please Sign and Date Below:

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1279 Oakmead Parkway
Sunnyvale, CA 94085-4040

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Each Inventor: Please Sign and Date Below:

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Sunnyvale, CA 94085-4040

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		Printed/Typed Name

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Each inventor:	Please Sig	gn <u>and Date</u> Below:
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		Umesh Suresh Vaishampayan
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1279 Oakmead Parkway
Sunnyvale, CA 94085-4040

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Each Inventor: Please Sign and Date Below:

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		William E. Damon III
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Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
1279 Oakmead Parkway
Sunnyvale, CA 94085-4040

-2-

ASSIGNMENT OF PATENT APPLICATION	Attorney Docket No.: 04860.P22881
For good and valuable consideration, the receipt and	d sufficiency of which is hereby
acknowledged, I/we, the undersigned, <u>Umesh Suresh Vais</u>	hampayan, Derek R. Kumar,
Cecile Marie Foret, Anthony Graham Sumpter, Harshavard	<u>lhan P. Gopalakrishnan, and</u>
William E. Damon III	·
hereby sell, assign, and transfer to <u>Apple Inc.</u>	
a <u>Corporation</u> (Type of Assignee: e.g., corporation, company, partnership, university, e	of <u>California</u> ,
having a principal place of business at1 Infinite	Loop, Cupertino, CA 95014
("Assignee"), and its successors, assigns, and legal represe for the United States and all foreign countries, in and to any are disclosed in the application (provisional or non-provision the non-provisional application may have a declaration exec concurrently herewith and which application (provisional or r	and all inventions or improvements that hall hall for the United States patent which for cuted by the undersigned prior hereto or
Selective GPU Throttling	
said patent application also identified as follows (when know	vn):
[I/we hereby authorize an attorney or agent for said	Assignee to insert below the application

number and filing date of said patent application when known.]

United States Patent Application Number 14/503,311 filed September 30, 2014,

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents

covenant with said Assignee, its successors, assigns, and 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.

Each Inventor: Please Sign <u>and Date</u> Below:		
Aug. 18 2014	U. S. J.	
Late	Signature	
	Umesh Suresh Valshampayan Printed/Typed Name	
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Date	Signature	
	Derek R. Kumar	
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	Cecile Marie Foret	
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	Harshavardhan P. Gopalakrishnan	
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Date	Signature	
	William E. Damon III	
	Printed/Typed Name	

Assignment Document Return Address: BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 1279 Oakmead Parkway Sunnyvale, CA 94085-4040

-2-

Rev. 1/08/2010

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Each Inventor: Please Sign and Date Below:

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Date	- 199000000000	Signature
		Umesh Suresh Valshampayan
		Printed/Typed Name
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		Derek R. Kumar
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		Cecile Marie Foret
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Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
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Rev. 1/08/2010

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BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
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Each Inventor	": Please S	ign <u>and Date</u> Below:
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Date	, , , , , , , , , , , , , , , , , , , ,	Signature
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-2-

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Each Inventor	: Please Si	gn <u>and Date</u> Below:
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