503004092 10/03/2014 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3050691

SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY	(DATA				
			Name		Execution Date
KIMON BERLIN				(06/28/2012
TOM FISHER					10/02/2014
RAPHAEL GAY				(06/28/2012
RECEIVING PARTY	DATA				
Name:	HEWLE	ETT-P	ACKARD DEVELOPMENT COMF	ANY, L.P.	
Street Address:	11445	COMF	PAQ CENTER DRIVE WEST		
City:	HOUST	TON			
State/Country:	TEXAS	;			
Postal Code:	77070				
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PROPERTY NUMBE	RS Total: 1				
Property Ty	ре		Number		
Application Number	:	14390)423		
CORRESPONDENC	E DATA				
Fax Number:		(970)	778-4063		
			e-mail address first; if that is uns nat is unsuccessful, it will be ser		
Phone:		54171	158443		
Email:			ail@hp.com		
Correspondent Nam			LETT-PACKARD COMPANY INTE	LLECTUAL	PRO
Address Line 1:			E. HARMONY ROAD		
Address Line 2:			STOP 35		
Address Line 4:		FORT	F COLLINS, COLORADO 80528		
ATTORNEY DOCKET	NUMBER:		84049762		
NAME OF SUBMITTER:			DEBORAH HIGHAM		
SIGNATURE:			/Deborah Higham/		
DATE SIGNED:			10/03/2014		
Total Attachments: 6					
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PATENT
REEL: 033878 FRAME: 0580

HEWLETT-PACKARD COMPANY	1
Intellectual Property Administrator	1
3404 E. Harmony Road	
Mail Stop 35	
Fort Collins, Colorado 80528	

RECORD ID:

#### ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), in furtherance of my/our obligations to the Hewlett-Packard Company and its subsidiaries and affiliates, and do hereby assign and transfer to HPDC, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

#### **Thermal Prioritized Computing Application Scheduling**

#### Filing Date:

#### **Application No.:**

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said Letters Patent.

I/we additionally authorize HPDC to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/ we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that l/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to HPDC, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPDC, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by HPDC:

AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

I/we further authorize and direct the attorneys of record to insert the serial number and filing date of said application now identified by the Record ID and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

Page 1 of 2

Inventor's Signature

Kimon Berlin Inventor's Typed Name

Inventor's Signature

Tom Fisher Inventor's Typed Name

Rev 09/11 (Assignment)

G/UP/12_ Date Assignment Signed

Date Application

**Date Application Signed** 

**Date Assignment Signed** 

PATENT APPLICATION

82980174

HEWLETT-PACKARD COMPANY	7
Intellectual Property Administrator 3404 E. Harmony Road	
3404 E. Harmony Road	
Mail Stop 35	
Fort Collins, Colorado 80528	
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PATENT APPLICATION

RECORD ID: 82980174

## ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature			Date
inventor s olgnature			Date
Raphael	Gay		_
First/Middle Name	Last Name		
Inventor's Signature			Date
First/Middle Name	Last Name		-
Inventor's Signature			Date
First/Middle Name	Last Name		-
Inventor's Signature			Date
First/Middle Name	Last Name		-
Inventor's Signature			Date
First/Middle Name	Last Name		-
Inventor's Signature			Date
First/Middle Name	Last Name		-
Rev 8/2014 (Assignment)		Page 2 of 2	

HEWLETT-PACKARD COMPANY
Intellectual Property Administrator
3404 E. Harmony Road
Mail Stop 35
Fort Collins, Colorado 80528

PATENT APPLICATION

RECORD ID:

82980174

#### **ASSIGNMENT OF PATENT APPLICATION**

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**Thermal Prioritized Computing Application Scheduling** 

#### Filing Date:

#### Application No.:

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AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/ we have not executed and will not execute any agreement in conflict herewilh, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to HPDC, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPDC, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by HPDC;

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Inventor's Signature	Date Assignment Signed		
Kimon Berlin			
Inventor's Typed Name		Date Application Signed	
Inventor's Signature		Date Assignment Signed	
Tom Fisher			
inventor's Typed Name	.*	Date Application Signed	
Rev 09/11 (Assignment)	Page 1 of 2		

PATENT REEL: 033878 FRAME: 0582

HEWLETT-PACKARD COMPANY Intellectual Property Administrator		PATENT APPLICATION
3404 E. Harmony Road		
Mail Stop 35	RECORD ID:	82980174
Fort Collins, Colorado 80528	· · · · · · · · · · · · · · · · · · ·	
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Inventor's Signature	Date Assignme	
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Raphael Gay	ی (میں ''میں میں میں میں دیور میں ''۔	C. V. C. C. C. Marine
Inventor's Typed Name	Date Application	on Signed
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Inventor's Typed Name	Date Application	on Signed
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<u>.</u>		
Inventor's Typed Name	Date Applicatio	in Signed

Rev 09/11 (Assignment)

Page 2 of 2

	PATENT APPLICATION
RECORD ID:	82980174

#### ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each), for good and valuable consideration, the receipt of which is hereby acknowledged, and in furtherance of my/our obligations to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), and to its subsidiaries and affiliates, agree to assign and transfer and hereby assign and transfer to HPDC, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Patent entitled:

#### Thermal Prioritized Computing Application Scheduling

Filing Date: 29 Jun 2012

HEWLETT-PACKARD COMPANY

Intellectual Property Administrator 3404 E. Harmony Road

Fort Collins, Colorado 80528

Mail Stop 35

#### Application No.: PCT/US2012/044934

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Patent, and any and all other Patent of any countries thereto which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said Patent.

I/we additionally authorize HPDC to file applications in my/our name for Patent in any country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;

AND l/we hereby covenant that l/we have full right to convey the entire interest herein assigned, and that l/we have not executed and will not execute any agreement in conflict herewith, and l/we further covenant and agree that l/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Patent, to HPDC, its successors, assigns, nominees or legal representatives, and l/we agree to communicate to HPDC, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by HPDC;

AND I/we hereby authorize and request the official of any country or countries whose duty it is to issue patents on applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and interest, any and all Patent for said invention(s) or improvement(s) which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

I/we further authorize and direct the attorneys of record to insert the filing date and application number of said application for Patent, now identified by the Record ID and title set forth above, as soon as the same shall have been made known to them.

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

Inventor's Signature		Date		
Kimon	, Berlin			
First/Middle Name	Last Name	, ,	n de la	
- In D	h		10/2/14	
Inventor's Signature			Date	
Tom	Fisher			
First/Middle Name	Last Name		··	
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### PATENT REEL: 033878 FRAME: 0584

HEWLETT-PACKARD COMPANY	
Intellectual Property Administrator	
3404 E. Harmony Road	
Mail Stop 35	
Fort Collins, Colorado 80528	

PATENT APPLICATION

REEL: 033878 FRAME: 0585

RECORD ID: 82980174

# ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature			Date	
	_			
Raphael	Gay			
First/Middle Name	Last Name			
Inventor's Signature			Date	
First/Middle Name	Last Name			
Inventor's Signature			Date	
First/Middle Name	Last Name			
Inventor's Signature			Date	
First/Middle Name	Last Name			
Inventor's Signature			Date	
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Inventor's Signature			Date	
First/Middle Name	Last Name		_	
Rev 8/2014 (Assignment)		Page 2 of 2		
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### RECORDED: 10/03/2014