

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4155681

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| SHENG LI | 08/18/2016 |
| JISHEN ZHAO | 07/12/2016 |
| JICHUAN CHANG | 07/13/2016 |
| PARTHASARATHY RANGANATHAN | 07/11/2016 |
| ALISTAIR VEITCH | 07/18/2016 |
| KEVIN T. LIM | 07/24/2016 |
| MARK LILLIBRIDGE | 07/11/2016 |
| RECEIVING PARTY DATA | |
| Name: | Hewlett-Packard Development Company, L.P. |
| Street Address: | 11445 Compaq Center Drive West |
| City: | Houston |
| State/Country: | TEXAS |
| Postal Code: | 77070 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 15113824 |
| CORRESPONDENCE DATA | |
| Fax Number: | |
| <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> | |
| Phone: | (970) 898-7444 |
| Email: | hpe.ip.mail@hpe.com |
| Correspondent Name: | HEWLETT PACKARD ENTERPRISE |
| Address Line 1: | 3404 E. HARMONY ROAD MS 79 |
| Address Line 4: | FORT COLLINS, COLORADO 80528 |
| ATTORNEY DOCKET NUMBER: | 90232554 |
| NAME OF SUBMITTER: | KATHY HUNGSBERG |
| SIGNATURE: | /Kathy Hungsberg/ |
| DATE SIGNED: | 11/23/2016 |

Total Attachments: 10

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

PATENT APPLICATION

RECORD ID: 83629337

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree, that 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, to 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:

ATOMICALLY COMMITTING WRITE REQUESTS

Filing Date: 07/23/2016

Application No.: 15/113824

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.

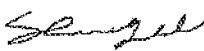
I/we additionally authorize HPDC to file applications in my/our name for Patent in any country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Patent respectively may be granted, reissued or extended, as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

AND 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 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 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 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.

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


Inventor's Signature 8/18/2016
Date

Sheng Li
Inventor's Typed Name

Inventor's Signature Date


Jishen Zhao
Inventor's Typed Name

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

PATENT APPLICATION

RECORD ID: 83629337

ASSIGNMENT OF PATENT APPLICATION (cont.)


Inventor's Signature

07/13/2010
Date

Jichuan Chang
Inventor's Typed Name

Inventor's Signature

Date

Parthasarathy Ranganathan
Inventor's Typed Name

Inventor's Signature

Date

Allstair Veitch
Inventor's Typed Name

Inventor's Signature

Date

Kevin T Lim
Inventor's Typed Name

Inventor's Signature

Date

Mark Lillibridge
Inventor's Typed Name

Inventor's Signature

Date

Inventor's Typed Name

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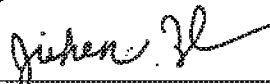
IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

Inventor's Signature

Date

Sheng Li

Inventor's Typed Name



07/12/2016

Inventor's Signature

Date

Jishen Zhao

Inventor's Typed Name

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

PATENT APPLICATION

RECORD ID: 83629337

ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature

Date

Jichuan Cheng

Inventor's Typed Name



Inventor's Signature

July 11, 2016

Date

Parthasarathy Ranganathan

Inventor's Typed Name

Inventor's Signature

Date

Alistair Veitch

Inventor's Typed Name

Inventor's Signature

Date

Kevin T. Lim

Inventor's Typed Name

Inventor's Signature

Date

Mark Lillbridge

Inventor's Typed Name

Inventor's Signature

Date

Inventor's Typed Name

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Inventor's Signature

Date

Sheng Li

Inventor's Typed Name

Inventor's Signature

Date

Jishen Zhao

Inventor's Typed Name

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Intellectual Property Administrator
3404 E. Harmony Road
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Fort Collins, Colorado 80528

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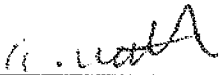
ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature _____ Date _____

Jichuan Chang
Inventor's Typed Name _____

Inventor's Signature _____ Date _____

Parthasarathy Ranganathan
Inventor's Typed Name _____


Inventor's Signature _____ Date Jul 18, 2016

Alistair Veitch
Inventor's Typed Name _____

Inventor's Signature _____ Date _____

Kevin T Lim
Inventor's Typed Name _____

Inventor's Signature _____ Date _____

Mark Lillibridge
Inventor's Typed Name _____

Inventor's Signature _____ Date _____

Inventor's Typed Name _____

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Sheng Li

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Jishen Zhao

Inventor's Typed Name

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

PATENT APPLICATION

RECORD ID: 83629337

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Inventor's Signature

Date

Jichuan Chang

Inventor's Typed Name

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Parthasarathy Ranganathan

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Inventor's Signature

Date

Alistair Veitch

Inventor's Typed Name

Kevin T. Lim

Inventor's Signature

7/24/16

Date

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Inventor's Typed Name

Inventor's Signature

Date

Mark Lillibridge

Inventor's Typed Name

Inventor's Signature

Date

Inventor's Typed Name

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Date

Jishen Zhao

Inventor's Typed Name

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

PATENT APPLICATION

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Inventor's Signature _____ Date _____

Jichuan Chang

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Parthasarathy Ranganathan

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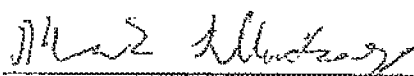
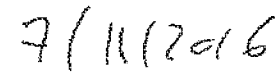
Alastair Veitch

Inventor's Typed Name _____

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Kevin T Lim

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 _____  _____
Inventor's Signature Date

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Inventor's Typed Name _____

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