PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3538095

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| FREDRIK TARNELL | 07/30/2015 |
| DAVE OLKER | 07/29/2015 |
| PADMAJA C NAMBIAR | 07/30/2015 |

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: | 14816062 |

CORRESPONDENCE DATA

Fax Number:

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.

Correspondent Name: HEWLETT-PACKARD COMPANY
Address Line 1: 3404 E. HARMONY ROAD MS 79
Address Line 4: FORT COLLINS, COLORADO 80528

| ATTORNEY DOCKET NUMBER: | 84273667 |
|-------------------------|---------------|
| NAME OF SUBMITTER: | SUSAN CLARK |
| SIGNATURE: | /Susan Clark/ |
| DATE SIGNED: | 09/23/2015 |

Total Attachments: 4

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> PATENT REEL: 036630 FRAME: 0390

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HEWLETT-PACKARD COMPANY

Fredrik

First/Middle Name

Rev 8/2014 (Assignment)

Tarnell

Last Name

PATENT APPLICATION

| Mail Stop 79 | | | |
|---|--|---|---|
| Fort Collins, Colorado 80528 | | RECORD ID: | 84273667 |
| | ASSIGNMENT OF | PATENT APPLICATION | |
| ISNo the undersigned (and | | | |
| and in furtherance of my/our Limited Partnership having its subsidiaries and affiliates, agre | obligations to HEWLE principal place of but to assign and transfer | TT-PACKARD DEVELOPME siness in Houston, Texas, and hereby assign and trans | f which is hereby acknowledged, ENT COMPANY, L.P., a Texas (hereinafter HPDC), and to its fer to HPDC, its successors and under an application for Patent |
| VIRTUAL MACHINE MIGRATI | ON | | |
| Filing Date: | | Application No.: | |
| divisionals, and renewals of an | d substitutes for said ap | plication for said Patent, and | ns, continuations-in-part (C-I-P's), any and all other Patent of any xaminations, or extensions of said |
| by HPDC, its successors, assign | is, nominees or legal rep ited, reissued or extende | resentatives, to the full end o | ny country, to be held and enjoyed f the term or terms for which said same would have been held and |
| executed and will not execute ar time a request is made, and with perfect the title to said invention(nominees or legal representative said invention(s) or improvement papers, to execute all disclaime rightful oaths and declarations, a and legal representatives to obta | ny agreement in conflict hout undue delay, execute so or improvement(s), sai so, and I/we agree to come (s), said application and irs and divisionals, continuand generally to do every in and enforce, for its or to countries provided the | erewith, and I/we further cover and deliver all such papers as d application and said Patent, municate to HPDC, or to its no said Patent, to testify in any le- nuations, C-I-P's, reissue and thing possible to aid HPDC, it heir own benefit, proper paten | n assigned, and that I/we have not nant and agree that I/we will, each may be necessary or desirable to to HPDC, its successors, assigns, aminee, all known facts respecting egal proceedings, to sign all lawful foreign applications, to make all ts successors, assigns, nominees t protection for said invention(s) or urred by me/us in lending such |
| applications as aforesaid, to issu | le to HPDC, as assignee which may be issued a | of the entire right, title and in | iose duty it is to issue patents on terest, any and all Patent for said t of the application aforesaid, in |
| I/we further authorize and application for Patent, now identit known to them. | direct the attorneys of need by the Record ID and | ecord to insert the filing date title set forth above, as soon a | and application number of said is the same shall have been made |
| IN WITNESS WHEREOF, IA | ve hereunto set my/ou | r hand(s) and seal(s): | |
| | | | |
| Inventor's Signature | | Date | |
| Padmaja C | Nambiar | | |
| Eust/Middle Name | Last Name | | |
| THURST TAN | ω | 2015-7 | 09-30 |
| inventor's Signature | | Date | ······································ |
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Page 1 of 2

PATENT REEL: 036630 FRAME: 0391 HEWLETT-PACKARD COMPANY 3404 E. Harmony Road Mail Stop 79

PATENT APPLICATION

| Fort Collins, Colorado 80528 | | RECORD ID: | 84273667 |
|------------------------------|------------------|------------------------|----------|
| | ASSIGNMENT OF PA | ATENT APPLICATION (con | t.) |
| Lawtel | Ć. | - my | 129/2015 |
| Inventor's Signature | | Date | 1-11- |
| Dave | Olker | | |
| 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 | | |

Page 2 of 2

HEVVLETT-PACKARD COMPANY 3404 E. Harmony Road Mail Stop 79 Fon Collins, Colorado 80828

PATENT APPLICATION

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ASSIGNMENT OF PATENT APPLICATION

I/Ws, 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.

VIRTUAL MACHINE MIGRATION

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 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.

If 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 live hereby covenant that live have full right to convey the entire interest herein assigned, and that live have not executed and will not execute any agreement in conflict herewith, and live further covenant and agree that live 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 live 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-L-P's, relissue and foreign applications, to make all rightful paths 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 right 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.

live further authorize and direct the attorneys of record to insert the filling 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):

304742015

Inventor's Signature Date

Padmaja C Nambias

First/Middle Name Last Name

Inventor's Signature Date

Fredrik Tarnell

First/Middle Name Last Name

Page 1 of

HEWLETT-PACKARD COMPANY 3464 E. Harmony Road Mail Stop 79 Fort Cellins, Colorado 80528

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RECORDID:

ASSIGNMENT OF PATENT APPLICATION (cont.)

| Inventor's Signature | | Date | | |
|-------------------------|---------------------------------------|------|----------|--|
| Dave | Olker | | | |
| First/Middle Name | Last Name | | | |
| Inventor's Signature | | Date | | |
| First/Middle Name | Last Name | | | |
| Inventor's Signature | | Date | | |
| First/Micdle 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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| Rev 9/2014 (Assignment) | Page 2 | of | | |

RECORDED: 09/23/2015

PATENT REEL: 036630 FRAME: 0394