504018811 09/23/2016

PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------------|----------------|
| TSUNG-CHING HUANG | 09/20/2016 |
| CHIN-HUI CHEN | 09/20/2016 |
| MARCO FIORENTINO | 09/20/2016 |
| RAYMOND G. BEAUSOLEIL | 09/20/2016 |

RECEIVING PARTY DATA

| Name: | Hewlett Packard Enterprise Development LP | |
|-----------------|---|--|
| Street Address: | 11445 Compaq Center Drive West | |
| City: | Houston | |
| State/Country: | TEXAS | |
| Postal Code: | 77070 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15272856 |

CORRESPONDENCE DATA

Fax Number:

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Address Line 4: FORT COLLINS, COLORADO 80528

| ATTORNEY DOCKET NUMBER: | 90213919 | | | |
|-------------------------|-------------------|--|--|--|
| NAME OF SUBMITTER: | LAURA M. ZAVALA | | | |
| SIGNATURE: | /Laura M. Zavala/ | | | |
| DATE SIGNED: | 09/23/2016 | | | |

Total Attachments: 4

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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 Enterprise Development LP, a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPED), and to its subsidiaries and affiliates, agree to assign and transfer and hereby assign and transfer to HPED, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Patent entitled:

| Filing Date: | | Application i | No.: | |
|---|--|---|--|--|
| divisionals, and renewals of a | nd substitutes for said app | and any and all lication for said P | continuations, continuations-in-part (C-I-P Patent, and any and all other Patent of a sues, or reexaminations, or extensions of sa | nv |
| by HPED, its successors, assign | ins, nominees or legal repre inted, reissued or extended | esentatives, to the , as fully and entir | Patent in any country, to be held and enjoy e full end of the term or terms for which so irely as the same would have been held a | aid |
| executed and will not execute a time a request is made, and will perfect the title to said invention nominees or legal representative said invention(s) or improvemely papers, to execute all disclaim rightful oaths and declarations, and legal representatives to obtimprovement(s) in any and all cooperation and assistance are AND live hereby authorize applications as aforesaid, to iss invention(s) or improvement(s) accordance with the terms of the live further authorize and | iny agreement in conflict her hout undue delay, execute a n(s) or improvement(s), said res, and I/we agree to commit(s), said application and sivers and divisionals, continuand generally to do everythain and enforce, for its or the countries provided the epaid by HPED; as and request the official of sue to HPED, as assignee of which may be issued and assignment. | rewith, and I/we fur the deliver all such application and seliunicate to HPED. ald Patent, to testi ations, C4-P's, rehing possible to all all the country or card the entire right, digranted on or country to the country or card to insert the country or card to insert the | tierest herein assigned, and that I/we have rurther covenant and agree that I/we will, each papers as may be necessary or desirable said Patent, to HPED, its successors, assign, or to its nominee, all known facts respectitify in any legal proceedings, to sign all law reissue and foreign applications, to make aid HPED, its successors, assigns, nomine roper patent protection for said invention(s) may be incurred by me/us in lending succentries whose duty it is to issue patents title and interest, any and all Patent for said as a result of the application number of said, and the same shall have been make as soon as the same shall have been make as a soon as the same shall have been make the same shall have been same shall have been make the same sha | ch to ns. ng full as or ch on sid in |
| known to them | | | | |
| IN WITHESS WHEREOF, I/We | hereunto set my/our hand(s) a | nd seal(s): | 9/20/2016 | |
| Inventor's Signature | | Dat | | |
| Tsung-Ching | Huang | | | |
| First/Middle Name | Last Name | | 9/20/2016 | |
| Inventor's Signature | V | Dat | 3(e | |
| Chin-Hui | Chen | .* | | |
| First/Middle Name | Last Name | | | |
| Rev 08/15 | Page | 1 of 2 | | |
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Hewlett Packard Enterprise 3404 E. Harmony Road Mall Stop 79 Fort Cellins, Colorado 80528

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| Fort Collins, Colorado 80 | 528 | RECORDID: | 90213919 |
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| Inventor's Signature | A | Date 7/ 40 | /2016 |
| Marco | Florentino | <u>.</u> . | |
| First/Middle Name | Last Name | | |
| Inventor's Signature | | Dale | |
| Raymond G. | Beausoleil | | |
| First/Middle Name | Last Name | | |
| Inventor's Signature | | Date | |
| First/Middle Name | Last Name | | |
| inventor's Signature | | Date | |
| First/Middle Name | Läst Name | | |
| Inventor's Signature | | Date | |
| First/Middle Name | Last Name | | |
| Inventor's Signature | | Date | |
| First/Middle Name | £ast Name | | |

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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 Enterprise Development LP, a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPED), and to its subsidiaries and affiliates, agree to assign and transfer and hereby assign and transfer to HPED, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Patent entitled:

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| Filing Date: | | Application No.: |
| divisionals, and renewals | s of and substitutes for sai | erein, and any and all continuations, continuations-in-part (C-I-P's) d application for said Patent, and any and all other Patent of any nerefore; and any reissues, or reexaminations, or extensions of said |
| by HPED, its successors Patent respectively may | , assigns, nominees or lega | ins in my/our name for Patent in any country, to be held and enjoyed representatives, to the full end of the term or terms for which said anded, as fully and entirely as the same would have been held and of been made; |
| executed and will not exetime a request is made, a perfect the title to said in nominees or legal repressaid invention(s) or impropapers, to execute all drightful oaths and declarand legal representatives improvement(s) in any cooperation and assistan AND I/we hereby at applications as aforesaid invention(s) or improven accordance with the term I/we further authorizapplication for Patent, no known to them. | ecute any agreement in confind without undue delay, exevention(s) or improvement(s) entatives, and I/we agree to evement(s), said application isclaimers and divisionals, or ations, and generally to do to obtain and enforce, for its and all countries provided ce are paid by HPED; athorize and request the office, to issue to HPED, as assignent(s) which may be issue to find this assignment. | to convey the entire interest herein assigned, and that I/we have no ict herewith, and I/we further covenant and agree that I/we will, each cute and deliver all such papers as may be necessary or desirable to, said application and said Patent, to HPED, its successors, assigns communicate to HPED, or to its nominee, all known facts respecting and said Patent, to testify in any legal proceedings, to sign all lawfurth continuations, C-I-P's, reissue and foreign applications, to make a severything possible to aid HPED, its successors, assigns, nominees or their own benefit, proper patent protection for said invention(s) of the expenses which may be incurred by me/us in lending such cial of any country or countries whose duty it is to issue patents or gree of the entire right, title and interest, any and all Patent for said and granted on or as a result of the application aforesaid, in of record to insert the filing date and application number of said and title set forth above, as soon as the same shall have been made and title set forth above, as soon as the same shall have been made and (s) and seal(s): |
| Inventor's Signature | | Date |
| Tsung-Ching | Huang | |
| First/Middle Name | Last Name | |
| Inventor's Signature | | Date |
| Chin-Hui | Chen | |
| First/Middle Name | Last Name | |

Page 1 of 2

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