507180312 03/16/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7227158

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

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| YINGGANG DU | 09/05/2018 |
| KEITH J. KUEHN | 09/05/2018 |
| JOHN P. FRANZ | 08/28/2018 |
| ALAN B. DOERR | 08/27/2018 |

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: | 29819178 |

CORRESPONDENCE DATA

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Address Line 1: 3404 E. HARMONY ROAD MS 79
Address Line 4: FORT COLLINS, COLORADO 80528

| ATTORNEY DOCKET NUMBER: | 710226307US02 |
|-------------------------|----------------|
| NAME OF SUBMITTER: | TRACI THOMAS |
| SIGNATURE: | /Traci Thomas/ |
| DATE SIGNED: | 03/16/2022 |

Total Attachments: 8

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PATENT 507180312 REEL: 059280 FRAME: 0893



Rev 06/15

PATENT APPLICATION

| RECORD ID: | 90606316 |
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| INCOUND ID. | |

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:

| | ty, in, to and under an application f | | entire right, title and interest, including |
|--|--|--|--|
| Enclosure | | | |
| Filing Date: | December 13, 2021 | Application No.: _ | 29/819,178 |
| divisionals, and | renewals of and substitutes for | said application for said Patent, | ations, continuations-in-part (C-I-P's), and any and all other Patent of any reexaminations, or extensions of said |
| by HPED, its sur Patent respective | iccessors, assigns, nominees or le | egal representatives, to the full er extended, as fully and entirely as | n any country, to be held and enjoyed ad of the term or terms for which said the same would have been held and |
| executed and witime a request is perfect the title to nominees or leg said invention(s) papers, to executing title oaths and legal repressimprovement(s) | ill not execute any agreement in cosmade, and without undue delay, on said invention(s) or improvement all representatives, and I/we agreet) or improvement(s), said applications and divisionals and declarations, and generally to contain the said applications and declarations, and generally to contait the said declarations. | onflict herewith, and I/we further context and deliver all such paper t(s), said application and said Pater to communicate to HPED, or to it on and said Patent, to testify in ans, continuations, C-I-P's, reissue to everything possible to aid HPEr its or their own benefit, proper parts. | erein assigned, and that I/we have not ovenant and agree that I/we will, each is as may be necessary or desirable to ent, to HPED, its successors, assigns, is nominee, all known facts respecting ny legal proceedings, to sign all lawful and foreign applications, to make all ID, its successors, assigns, nominees atent protection for said invention(s) or incurred by me/us in lending such |
| applications as a invention(s) or | aforesaid, to issue to HPED, as a | ssignee of the entire right, title an | s whose duty it is to issue patents on d interest, any and all Patent for said esult of the application aforesaid, in |
| | | | date and application number of said on as the same shall have been made |
| IN WITNESS | WHEREOF, I/we hereunto set my/ou | hand(s) and seal(s): | |
| yinggal | g Di | 0 | 9/05/2018 |
| Inventor's Signatu |)ire | Date | 0/00/2010 |
| Yinggang Du | | | |
| First/Middle Name/ | /Last Name | | |
| Inventor's Signatu | ire | Date | |
| Keith J. Kuehn | | | |
| First/Middle Name | /Last Name | | |

PATENT APPLICATION

| Fort Collins, Colorado 80528 | REC | ORD ID: | 90606316 |
|------------------------------|-----------------------------|----------------|----------|
| | ASSIGNMENT OF PATENT APPLIC | CATION (cont.) | |
| Inventor's Signature | | Date | |
| John P. Franz | | | |
| First/Middle Name/Last Name | | | |
| | | | |
| nventor's Signature | | Date | |
| Alan B. Doerr | | | |
| 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 06/15 Page 2 of 2

Hewlett Packard Enterprise

First/Middle Name/Last Name

Rev 06/15

PATENT APPLICATION

| Mail Stop 79 Fort Collins, Colorado 80528 | | RECORD ID: | 90606316 |
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| | ASSIGNMENT OF | PATENT APPLICATION | |
| furtherance of my/our obligat principal place of business in | ach), for good and valuable ions to Hewlett Packard Er Houston, Texas, (hereinafte nd transfer to HPED, its su | consideration, the receipt of whinterprise Development LP, a Tear HPED), and to its subsidiaries accessors and assigns, the entire | ch is hereby acknowledged, and in xas Limited Partnership having its and affiliates, agree to assign and re right, title and interest, including |
| Enclosure | | | |
| Filing Date:Decem | ber 13, 2021 | Application No.: | 29/819,178 |
| divisionals, and renewals of | and substitutes for said a | application for said Patent, and | ons, continuations-in-part (C-I-P's), any and all other Patent of any xaminations, or extensions of said |
| by HPED, its successors, as | signs, nominees or legal regranted, reissued or extend | epresentatives, to the full end o ded, as fully and entirely as the | 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 time a request is made, and a perfect the title to said invent nominees or legal represents said invention(s) or improven papers, to execute all discla- rightful oaths and declaration and legal representatives to o | e any agreement in conflict without undue delay, execution(s) or improvement(s), satives, and I/we agree to conent(s), said application and immers and divisionals, cones, and generally to do ever abtain and enforce, for its or all countries provided the | herewith, and I/we further cover te and deliver all such papers as aid application and said Patent, mmunicate to HPED, or to its not disaid Patent, to testify in any leatinuations, C-I-P's, reissue and erything possible to aid HPED, in their own benefit, proper paten | in assigned, and that I/we have not nant and agree that I/we will, each is may be necessary or desirable to to HPED, its successors, assigns, ominee, all known facts respecting egal proceedings, to sign all lawful I foreign applications, to make all its successors, assigns, nominees it protection for said invention(s) or curred by me/us in lending such |
| applications as aforesaid, to | issue to HPED, as assigne (s) which may be issued | ee of the entire right, title and in | nose duty it is to issue patents on iterest, any and all Patent for said It of the application aforesaid, in |
| | | | e and application number of said as the same shall have been made |
| IN WITNESS WHEREOF, I/v | ve hereunto set my/our hand | (s) and seal(s): | |
| Inventor's Signature | | Date | |
| Yinggang Du | | | |
| First/Middle Name/Last Name | | | 5/2018 |
| Inventor's Signature | - Millioninis | Date | |
| Keith J. Kuehn | | | |

PATENT APPLICATION

| Fort Collins, Colorado 80528 | REC | ORD ID: | 90606316 |
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| | ASSIGNMENT OF PATENT APPLIC | CATION (cont.) | |
| Inventor's Signature | | Date | |
| John P. Franz | | | |
| First/Middle Name/Last Name | | | |
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| nventor's Signature | | Date | |
| Alan B. Doerr | | | |
| First/Middle Name/Last Name | | | |
| Inventor's Signature | | Date | |
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| First/Middle Name/Last Name | | | |
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| First/Middle Name/Last Name | | | |

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Rev 06/15

PATENT APPLICATION

| RECORD ID: | 90606316 |
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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:

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| Enclosure | | | |
| Filing Date: | December 13, 2021 | Application No.: | 29/819,178 |
| divisionals, and r | enewals of and substitutes for sai | id application for said Patent, a | tions, continuations-in-part (C-I-P's), nd any and all other Patent of any eexaminations, or extensions of said |
| by HPED, its suc Patent respective | cessors, assigns, nominees or lega | al representatives, to the full end ended, as fully and entirely as t | any country, to be held and enjoyed of the term or terms for which said he same would have been held and |
| executed and will time a request is r perfect the title to nominees or legal said invention(s) of papers, to execut rightful oaths and and legal represer improvement(s) in | not execute any agreement in confinade, and without undue delay, exessid invention(s) or improvement(s) representatives, and I/we agree to improvement(s), said application te all disclaimers and divisionals, declarations, and generally to dontatives to obtain and enforce, for it | flict herewith, and I/we further concecute and deliver all such papers), said application and said Pater communicate to HPED, or to its and said Patent, to testify in any continuations, C-I-P's, reissue a everything possible to aid HPED is or their own benefit, proper pat | rein assigned, and that I/we have not wenant and agree that I/we will, each as may be necessary or desirable to nt, to HPED, its successors, assigns, nominee, all known facts respecting regal proceedings, to sign all lawful to foreign applications, to make all to, its successors, assigns, nominees ent protection for said invention(s) or incurred by me/us in lending such |
| applications as af invention(s) or in | oresaid, to issue to HPED, as assi | gnee of the entire right, title and | whose duty it is to issue patents on interest, any and all Patent for said sult of the application aforesaid, in |
| | | | ate and application number of said n as the same shall have been made |
| IN WITNESS W | /HEREOF, I/we hereunto set my/our ha | and(s) and seal(s): | |
| Inventor's Signature | • | Date | |
| Yinggang Du | | | |
| First/Middle Name/Li | ast Name | | |
| Inventor's Signature | • | Date | |
| Keith J. Kuehn | | | |
| First/Middle Name/Li | ast Name | | |

PATENT APPLICATION

| Mail Stop 79 Fort Collins, Colorado 80528 | | RECORD ID: | 90606316 | |
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| ASSIGNMENT OF PATENT APPLICATION (cont.) | | | | |
| <u> </u> | | • | 8-28-2018 | |
| Inventor's Signature John P. Franz | | Date | 355 | |
| First/Middle Name/Last Name | | | | |
| Inventor's Signature | | | | |
| Alan B. Doerr | | | | |
| 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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Page 2 of 2

| Hewlett Packard Enterprise 3404 E. Harmony Road | | | PATENT APPLICATION | | |
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| Mail Stop 79 Fort Collins, Colorado 80528 | | RECORD ID: | 90606316 | | |
| ASSIGNMENT OF PATENT APPLICATION | | | | | |
| furtherance of my/our obligat principal place of business in transfer and hereby assign a | ions to Hewlett Packard Enter Houston, Texas, (hereinafter H | orise Development LP, a ² PED), and to its subsidiari ssors and assigns, the en | hich is hereby acknowledged, and in Fexas Limited Partnership having its es and affiliates, agree to assign and tire right, title and interest, including | | |
| Enclosure | | | | | |
| Filing Date: Decem | ber 13, 2021 | Application No.: | 29/819,178 | | |
| 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 HPED to file applications in my/our name for Patent in any country, to be held and enjoyed by HPED, 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 HPED, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPED, 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 HPED, 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 HPED; | | | | | |
| 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 HPED, 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/w | ve hereunto set my/our hand(s) ar | nd seal(s): | | | |
| Inventor's Signature | | Date | | | |
| Yinggang Du | | | | | |
| First/Middle Name/Last Name | | | | | |

Date

First/Middle Name/Last Name

Rev 08/15 Page 1 of 2

Inventor's Signature

Keith J. Kuehn

PATENT APPLICATION

| Fort Collins, Colorado 80528 | RECORD ID: 90606316 |
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| ASSIGNMENT OF PATENT / | APPLICATION (cont.) |
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| Inventor's Signature | Date |
| John P. Franz | |
| First/Middle Name/Last Name | |
| alin B Doen | 8/27/18 |
| Inventor's Signature | Date |
| Alan B. Doerr | |
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Page 2 of 2

RECORDED: 03/16/2022