505229987 12/11/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5276757

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------|----------------|
| ROOPESH KUMAR TAMMA | 12/07/2018 |
| MARCEL FURTADO ALMEIDA | 12/11/2018 |

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: | 16215962 | | |

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.

Phone: (970) 898-7472

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

| ATTORNEY DOCKET NUMBER: | 90659988 |
|-------------------------|-------------|
| NAME OF SUBMITTER: | DAN C. HU |
| SIGNATURE: | /Dan C. Hu/ |
| DATE SIGNED: | 12/11/2018 |

Total Attachments: 2

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PATENT 505229987 REEL: 047740 FRAME: 0514

Hewlett Packard Enterprise 3404 E. Harmony Road Mail Stop 79 Fort Callins, Colorado 80528

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| RECORD ID: | 90659988 |
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| TERRAL CONTRACTOR CONT | 8000000 |

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

| | copsisors and assigns, the entire right, title and interest, including tent entitled: |
|---|---|
| CONVERTING A VIRTUAL VOLUME BETWEEN VO | LUME TYPES |
| Filing Date: 12/11/2018 | Application No.: 16/215,962 |
| divisionals, and renewals of and substitutes for said a | ein, and any and all continuations, continuations-in-part (C-I-P's), application for said Patent, and any and all other Patent of any refore; and any reissues, or reexaminations, or extensions of said |
| by HPED, its successors, assigns, nominees or legal re- | s in my/our name for Patent in any country, to be held and enjoyed epresentatives, to the full end of the term or terms for which said ded, as fully and entirely as the same would have been held and been made; |
| executed and will not execute any agreement in conflict time a request is made, and without undue delay, execut perfect the title to said invention(s) or improvement(s), anominess or legal representatives, and I/we agree to co said invention(s) or improvement(s), said application and papers, to execute all disclaimers and divisionals, conrightful daths and declarations, and generally to do ever and legal representatives to obtain and enforce, for its or improvement(s) in any and all countries provided the cooperation and assistance are paid by HPED; | o convey the entire interest herein assigned, and that I/we have not inherewith, and I/we further covenant and agree that I/we will, each die and deliver all such papers as may be necessary or desirable to said application and said Patent, to HPED, its successors, assigns, immunicate to HPED, or to its nominee, all known facts respecting disaid Patent, to testify in any legal proceedings, to sign all lawful intinuations, C-I-P's, reissue and foreign applications, to make all erything possible to aid HPED, its successors, assigns, nominees in their own benefit, proper patent protection for said invention(s) or elexances which may be incurred by me/us in lending such |
| applications as aforesaid, to issue to HPED, as assigne | il of any country or countries whose duty it is to issue patents on se 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 |
| | f record to insert the filing date and application number of said not title set forth above, as soon as the same shall have been made |
| IN WITNESS WHEREOF, I/we hereunto set my/our hand | (s) and sea(s): |
| | |
| Inventor's Signature | |
| Roopesh Kumar Tamma | |
| First/Miristle Name/Last Name | ······································ |
| Inventor's Signature | Date |
| Marcel Furtado Almeida | |
| First/Middle Name/Last Name | ······································ |

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REEL: 047740 FRAME: 0515

Hewlett Packard Enterprise 3404 E. Harmony Road Mail Stop 79 Fort Collins, Colorado 80528

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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, (hereinanter 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: | | | | |
|---|--|--|--|--|
| CONVERTING A VIRTUAL VOLUME BETWEEN VOLU | IME TYPES | | | |
| Filing Date: 12/11/2018 | Application No.: 16/215,962 | | | |
| divisionals, and renewals of and substitutes for said app | , and any and all continuations, continuations-in-part (C-I-P's) dication for said Patent, and any and all other Patent of any ore; and any reissues, or reexaminations, or extensions of said | | | |
| by HPED, its successors, assigns, nominees or legal repr | my/our name for Patent in any country, to be held and enjoyed resentatives, to the full end of the term or terms for which said , as fully and entirely as the same would have been held and en made; | | | |
| executed and will not execute any agreement in conflict he time a request is made, and without undue delay, execute a perfect the title to said invention(s) or improvement(s), said nominees or legal representatives, and I/we agree to community said invention(s) or improvement(s), said application and spapers, to execute all disclaimers and divisionals, continuing the continuing | onvey the entire interest herein assigned, and that I/we have not brewith, and I/we further covenant and agree that I/we will, each and deliver all such papers as may be necessary or desirable to I application and said Patent, to HPED, its successors, assigns nunicate to HPED, or to its nominee, all known facts respecting taid Patent, to testify in any legal proceedings, to sign all lawful uations, C-I-P's, reissue and foreign applications, to make all thing possible to aid HPED, its successors, assigns, nominees neir own benefit, proper patent protection for said invention(s) or expenses which may be incurred by me/us in lending such | | | |
| applications as aforesaid, to issue to HPED, as assignee | f any country or countries whose duty it is to issue patents or of the entire right, title and interest, any and all Patent for said of granted on or as a result of the application aforesaid, in | | | |
| | cord to insert the filing date and application number of said title set forth above, as soon as the same shall have been made | | | |
| IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) : | and seal(s): | | | |
| Inventor's Signature , | Date | | | |
| Roopesh Kumar Tamma | | | | |
| First/Middle Name/Last Name | | | | |
| 1/ /// / | 12/11/2018 | | | |
| Inventor's Signature | Date | | | |
| Marcel Furtado Almeida | | | | |
| First/Middle Name/Last Name | AND | | | |

Page 1 of 1

PATENT REEL: 047740 FRAME: 0516

RECORDED: 12/11/2018

Rev 06/15