505924802 02/19/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5971520

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| DEVI VELLINGIRI | 04/27/2017 |
| BINOD KUMAR | 04/27/2017 |
| RAGHAVENDRA T | 04/27/2017 |

RECEIVING PARTY DATA

| Name: | Hewlett-Packard Development Company, L.P. | | |
|-----------------|---|--|--|
| Street Address: | 10300 Energy Drive | | |
| City: | Spring | | |
| State/Country: | TEXAS | | |
| Postal Code: | 77389 | | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16608423 |

CORRESPONDENCE DATA

Fax Number: (970)778-4063

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.

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (541)360-4450 **Email:** ipa.mail@hp.com

Correspondent Name: HP INC.

Address Line 1:3390 E. HARMONY ROAD MS 35Address Line 4:FORT COLLINS, COLORADO 80528

| ATTORNEY DOCKET NUMBER: | 85812117 |
|-------------------------|---------------------|
| NAME OF SUBMITTER: | ANN WEBSTER JESUS |
| SIGNATURE: | /Ann Webster Jesus/ |
| DATE SIGNED: | 02/19/2020 |

Total Attachments: 2

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PATENT 505924802 REEL: 051863 FRAME: 0220

HP Inc. 3390 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

Rev 8/2014 (Assignment)

| PATENT | APPL | ICATION. | |
|--------|------|----------|--|

| RECORD ID: | 84607911 |
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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 DEVELOPMENT COMPANY, L.P., a Texas

| subsidiaries and affiliates, ag | its principal place of buree to assign and transfe | r and hereby assign and t | as, (hereinafter HPDC), and to its ransfer to HPDC, its successors and and under an application for Patent |
|--|---|--|--|
| PRINT IN A USER DEFINED | PRINT AREA OF A PRI | NT MEDIA | |
| Filing Date: 25 Octobe | er 2019 | Application No.: _ | 16/608423 |
| divisionals, and renewals of a | and substitutes for said a | oplication for said Patent, | uations, continuations-in-part (C-I-P's) and any and all other Patent of any reexaminations, or extensions of said |
| by HPDC, its successors, ass | igns, nominees or legal re anted, reissued or extend | presentatives, to the full e ed, as fully and entirely as | in any country, to be held and enjoyed nd of the term or terms for which said the same would have been held and |
| executed and will not execute time a request is made, and w perfect the title to said invention nominees or legal representations said invention(s) or improvement papers, to execute all disclaim rightful oaths and declarations, legal representatives to obtain | any agreement in conflict ithout undue delay, execution(s) or improvement(s), si ives, and tiwe agree to corent(s), said application and mers and divisionals, coming and generally to do everyth and enforce, for its or the countries provided the expe | therewith, and I/we further of e and deliver all such pape aid application and said Pa inmunicate to HPDC, or to I said Patent, to testify in a inmunitions, C-I-P's, reissue thing possible to aid HPDC, leir own benefit, proper pa | nerein assigned, and that I/we have no covenant and agree that I/we will, each rs as may be necessary or desirable to tent, to HPDC, its successors, assigns its nominee, all known facts respecting my legal proceedings, to sign all lawfur and foreign applications, to make all its successors, assigns, nominees and tent protection for said invention(s) of d by me/us in lending such cooperation |
| applications as aforesaid, to is | ssue to HPDC, as assigne s) which may be issued | e of the entire right, title a | s whose duty it is to issue patents or nd interest, any and all Patent for said result of the application aforesaid, it |
| I/we further authorize an application for Patent, now ide known to them. | d direct the attorneys of ntified by the Record ID an | record to insert the filing d title set forth above, as s | date and application number of sak oon as the same shall have been made |
| IN WITNESS WHEREOF, | I/we hereunto set my/or | ur hand(s) and seal(s): | |
| J. Des | | 27, | 14/2014 |
| Inventor's Signature | - Aj-++AAAAAAAA | Date / | |
| Đevi | Vellingin | , | |
| First/Middle Name | Last Name | e | Hall 2017 |
| Inventor's Signature | | Date | |
| Binod | Kumar | | |
| First/Middle Name | Last Name | | |

Page 1 of

PATENT REEL: 051863 FRAME: 0221

| HP Inc. | |
|---------------------------|-----|
| 3390 E. Harmony Road | |
| Mail Stop 35 | |
| Fort Collins, Colorado 80 | 728 |

PATENT APPLICATION

| Fort Collins, Colorado 80528 | | REG | CORD ID: | 84607911 | |
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| | ASSIGNMENT OF | PATENT APPL | ICATION (cont | .) | |
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| Inventor's Signature | | | Date | | |
| Raghavendra | T | | | | |
| First/Middle Name | Last Name | | | | |
| inventor's Signature | | | Date | | |
| First/Middle Name | Last Name | | | | |
| Inventor's Signature | | | Date | | |
| inventoi s olgitature | | | Vele | | |
| First/Middle Name | Last Name | | | | |
| Inventor's Signature | · | | Date | | |
| First/Middle Name | Last Name | | | | |
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| First/Middle Name | Last Name | | | | |
| Inventor's Signature | | | Date | | |
| First/Middle Name | Last Name | | | | |
| Rev 8/2014 (Assignment) | | Page 2 of | | | |

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