505182387 11/08/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5229156

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| MICHAEL J DAY | 07/26/2016 |

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: | 16099962 |

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.

Email: ipa.mail@hp.com

Correspondent Name: HP INC.

Address Line 1: 3390 E. HARMONY ROAD

Address Line 2: MAIL STOP 35

Address Line 4: FORT COLLINS, COLORADO 80528-9544

| ATTORNEY DOCKET NUMBER: | 85014125 | |
|-------------------------|------------------|--|
| NAME OF SUBMITTER: | INDRA FERNANDO | |
| SIGNATURE: | /Indra Fernando/ | |
| DATE SIGNED: | 11/08/2018 | |

Total Attachments: 1

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PATENT 505182387 REEL: 047456 FRAME: 0109

| HP Inc. |
|------------------------------|
| 3390 E. Harmony Road |
| Mall Stop 35 |
| Fort Collins, Colorado 80528 |

PATENT APPLICATION

RECORD ID: 84490108

ASSIGNMENT OF PATENT APPLICATION

| and in furtherance of my/our obligations to HEWL Limited Partnership having its principal place of t subsidiaries and affiliates, agree to assign and transf | oile consideration, the receipt of which is hereby acknowledged, ETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas business in Houston, Texas, (hereinafter HPDC), and to its er and hereby assign and transfer to HPDC, its successors and the right of priority, in, to and under an application for Patent |
|--|--|
| | A SECTION OF THE SECT |
| divisionals, and renewals of and substitutes for said a | Application No.: 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 HPDC, its successors, assigns, nominees or legal n | 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, execuperfect the title to said invention(s) or improvement(s), sometimes or legal representatives, and I/we agree to cosaid invention(s) or improvement(s), said application and papers, to execute all disclaimers and divisionals, corrightful oaths and declarations, and generally to do every legal representatives to obtain and enforce, for its or times. | o convey the entire interest herein assigned, and that I/we have not herewith, and I/we further covenant and agree that I/we will, each ite and deliver all such papers as may be necessary or desirable to raid application and said Patent, to HPDC, its successors, assigns, immunicate to HPDC, 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 whing possible to aid HPDC, its successors, assigns, nominees and heir own benefit, proper patent protection for said invention(s) or lenses which may be incurred by me/us in lending such cooperation |
| applications as aforesaid, to issue to HPDC, as assigned | I of any country or countries whose duty it is to issue patents on see 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 |
| | record to insert the filing date and application number of said nd title set forth above, as soon as the same shall have been made |
| IN WITNESS WHEREOF, I/we hereunto set my/o | sur hand(s) and seal(s): |
| Third FDy | 7/26/2016 |
| Inventor's Signature/ | Date |
| Michael J Day | |
| First/Middle Name Last Name | |
| Inventor's Signature | Date |
| First/Middle Name Last Name | |
| Rev 8/2014 (Assignment) P | age 1 of 1 |

PATENT REEL: 047456 FRAME: 0110

RECORDED: 11/08/2018