#### 505125581 10/04/2018

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5172343

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

#### **CONVEYING PARTY DATA**

| Name               | Execution Date |  |
|--------------------|----------------|--|
| SYED S. AZAM       | 10/24/2016     |  |
| THONG THAI         | 10/24/2016     |  |
| MIKE PROVENCHER    | 10/24/2016     |  |
| RAHUL V. LAKDAWALA | 10/24/2016     |  |

### **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: | 16082401 |

#### **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.

Phone: (541)715-8443

ipa.mail@hp.com, khoellger@anaqua.com Email:

**Correspondent Name:** HP INC.

Address Line 1: 3390 E. HARMONY ROAD MS 35 Address Line 2: INTELLECTUAL PROPERTY

Address Line 4: FORT COLLINS, COLORADO 80528

| ATTORNEY DOCKET NUMBER: | 84996452         |
|-------------------------|------------------|
| NAME OF SUBMITTER:      | JOHN E. NEMAZI   |
| SIGNATURE:              | /John E. Nemazi/ |
| DATE SIGNED:            | 10/04/2018       |

# **Total Attachments: 4**

source=16082401 84996452\_Assignment#page1.tif source=16082401 84996452 Assignment#page2.tif

source=16082401\_84996452\_Assignment#page3.tif source=16082401\_84996452\_Assignment#page4.tif

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

Rev 3/2014 (Assignment)

| PATENT | S STORY | 83 | . T 16 3 W |
|--------|---------|----|------------|

| RECORD ID: | 84517523 |
|------------|----------|
|            |          |

ASSIGNMENT OF PATENT APPLICATION
), for good and valuable consideration, the receipt of which is hereby acknowledged,

| and in furtherance of my/our<br>Limited Partnership having it<br>subsidiaries and affiliates, agre  | obligations to HEWLE s principal place of but se to assign and transfer   | FT-PACKARD DEVELO<br>siness in Houston, Tell<br>and hereby assign and  | apt of which is hereby acknowledged,<br>DPMENT COMPANY, L.P., a Texas<br>cas, (hereinafter HPDC), and to its<br>transfer to HPDC, its successors and<br>and under an application for Patent   |
|---|---|--|---|
| CONTROLLING CONTENT D   |   | E DISPLAY DEVICES  |   |
| Filling Date: 05-SEP-20   | 18  | Application No.:   | 16/082,401  |
| divisionals and renewals of at  | nd substitutes for said ap  | plication for said Patent  | nuations, continuations-in-part (C-I-P's),<br>, and any and all other Patent of any<br>ir reexaminations, or extensions of said   |
| by HPDC, its successors, assign   | ins, nominees or legal rep<br>inted, reissued or extende  | resentatives, to the full of as fully and entirely a   | t in any country, to be held and enjoyed<br>end of the term or terms for which said<br>s the same would have been held and  |
| executed and will not execute a<br>time a request is made, and wit<br>perfect the title to said inventior<br>nominees or legal representative<br>said invention(s) or improvement<br>papers, to execute all disclaim<br>rightful caths and declarations; is | iny agreement in conflict he hout undue delay, execute h(s) or improvement(s), sai es, and t/we agree to com ht(s), said application and hers and divisionals, conti- and generally to do everyth and enforce, for its or the buntries provided the exper | erewith, and I/we further and deliver all such pap deplication and said Prominicate to HPDC, or to said Patent, to testify in nuations, C-I-P's, reissuring possible to aid HPDC air own benefit, proper particular and possible to aid HPDC air own benefit, proper particular and proper par | herein assigned, and that I/we have not covenant and agree that I/we will, each ers as may be necessary or desirable to atent, to HPDC, its successors, assigns, its nominee, all known facts respecting any legal proceedings, to sign all lawfulle and foreign applications, to make all to the successors, assigns, nominees and atent protection for said invention(s) or ed by me/us in lending such cooperation |
| applications as aforesaid, to iss   | sue to HPDC, as assigned<br>which may be issued a   | of the entire right, title   | es whose duty it is to issue patents on<br>and interest, any and all Patent for said<br>result of the application aforesaid, in   |
| I/we further authorize and application for Patent, now iden known to them.  | I direct the attorneys of r<br>tified by the Record ID and  | ecord to insert the filing title set forth above, as   | g date and application number of said<br>soon as the same shall have been made  |
| IN WITNESS WHEREOF, I   | /we hereunto set my/ou  | r hand(s) and seal(s):   |   |
| · mocalli   | Szed  |  | 10/24/2016  |
| Inventor's Signature  |   | Date   |   |
| Syed S.   | Azam  |  |   |
| First/Middle Name   | Last Name   |  |   |
| Inventor's Signature  |   | Date   |   |
| Thong   | Thai  |  |   |
| First/Middle Name   | Last Name   |  |   |

Page 1 of 2

HP Inc. 3390 E. Harmony Road Mail Stop 35

# PATENT APPLICATION

| Mail Stop 35<br>Fort Collins, Colorado 8052 | 8          | RECORD ID: 84517523      |
|---|------------|--------------------------|
| Ula Prove                                   |            | TENT APPLICATION (cont.) |
| Inventor's Signature                        |            | Date                     |
| Mike  | Provencher |                          |
| First/Middle Name                           | Last Name  |                          |
| Inventor's Signature                        |            | Date                     |
| Rahul V.                                    | Lakdawala  |                          |
| First/Middle Name                           | l.ast Name |                          |
| Inventor's Signature                        |            | Date                     |
| First/Middle Name                           | Last Name  | <del></del>              |
| 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  | <del> </del>             |

Page 2 of 2

| ,                            | _ |
|------------------------------|---|
| HP Inc.                      | Ì |
| 3390 E. Harmony Road         | 1 |
| Mail Stop 35                 | 1 |
| Fort Collins, Colorado 80528 |   |

Rev 8/2014 (Assignment)

| OA | TEN | 34 | ۸ | DDI | 37 | A T | 10 | ĸ. |
|----|-----|----|---|-----|----|-----|----|----|

| RECORD ID: | 84517523 |
|------------|----------|
|            |          |

# ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each), for good and valuable consideration, the receipt of which is hereby acknowledged,

| Limited Partne subsidiaries an  | rship having its principal p<br>d affiliates, agree to assign a   | place of business in Houston, Tea<br>and transfer and hereby assign and   | PPMENT COMPANY, L.P., a Texas<br>(as, (hereinafter HPDC), and to its<br>transfer to HPDC, its successors and<br>and under an application for Patent   |
|---|---|---|---|
| CONTROLLING   | G CONTENT DISPLAYED C   | ON MULTIPLE DISPLAY DEVICES   |   |
| Filing Date:  | 05-SEP-2018   | Application No.:  | 16/082,401  |
| divisionals, and  | renewals of and substitutes   | for said application for said Patent.   | nuations, continuations-in-part (C-I-P's), and any and all other Patent of any reexaminations, or extensions of said  |
| by HPDC, its su<br>Patent respective  | uccessors, assigns, nominees  | s or legal representatives, to the full of<br>d or extended, as fully and entirely a  | in any country, to be held and enjoyed<br>and of the term or terms for which said<br>is the same would have been held and   |
| executed and w<br>time a request is<br>perfect the title<br>nominees or leg<br>said invention(s<br>papers, to exec<br>rightful oaths an<br>legal represents<br>improvement(s) | rill not execute any agreement<br>is made, and without undue de<br>to said invention(s) or improve<br>pal representatives, and t/we a<br>) or improvement(s), said app<br>cute all disclaimers and divised declarations, and generally<br>atives to obtain and enforce, | t in conflict herewith, and I/we further<br>elay, execute and deliver all such pape<br>ement(s), said application and said Pa<br>agree to communicate to HPDC, or to<br>plication and said Patent, to testify in<br>sionals, continuations, C-I-P's, reissual<br>to do everything possible to aid HPDC<br>for its or their own benefit, proper pa | herein assigned, and that I/we have no covenant and agree that I/we will, each ers as may be necessary or desirable to tent, to HPDC, its successors, assigns its nominee, all known facts respecting any legal proceedings, to sign all lawfue and foreign applications, to make all, its successors, assigns, nominees and atent protection for said invention(s) or ad by me/us in lending such cooperation. |
| applications as invention(s) or   | aforesaid, to issue to HPDC,  | as assignee of the entire right, title abe issued and granted on or as a  | es whose duty it is to issue patents or<br>and interest, any and all Patent for said<br>result of the application aforesaid, in   |
|   |   |   | date and application number of said<br>soon as the same shall have been made  |
| IN WITNE  | SS WHEREOF, I/we hereunto   | o set my/our hand(s) and seal(s):   |   |
| Inventor's Signati  | ure   | Date  |   |
| Syed S.   | Azam  |   |   |
| First/Middle Name   | E Last Name   |   |   |
| -4-   | da.   | 1/3   | 29/2016   |
| Inventor Signat   | ure   | Date 707.   | 01/0010   |
| Thong   | Thai  |   |   |
| First/Middle Name   | e Last Name   |   |   |

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

# PATENT APPLICATION

| ман Stop 35<br>Fort Collins, Colorado 80528 |                   | RECORD ID: 84517523      |
|---|-------------------|--------------------------|
|   | ASSIGNMENT OF PAT | TENT APPLICATION (cont.) |
| nventor's Signature                         |                   | Date                     |
| Vlike                                       | Provencher        |                          |
| First/Middle Name                           | Last Name         | · ·                      |
| Rolatdo                                     | ew ale            | 10/24/2016               |
| nventor's Signature                         |                   | Date                     |
| Rahul V.                                    | Lakdawala         |                          |
| First/Middle Name                           | Last Name         |                          |
|   |                   |                          |
| nventor's Signature                         |                   | Date                     |
| First/Middle Name                           | Last Name         | <del></del>              |
| Inventor's Signature                        |                   | Date                     |
| First/Middle Name                           | Last Name         |                          |
| nventor's Signature                         |                   | Date                     |
|   |                   |                          |
| First/Middle Name                           | Last Name         |                          |
| inventor's Signature                        |                   | Date                     |
| First/Middle Name                           | Last Name         |                          |

Page 2 of 2

Rev 8/2014 (Assignment)