505697276 09/28/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5744086

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| JOHN J. CANTRELL | 10/19/2017 |
| KEITH JARIABKA | 10/20/2017 |
| THEODORE J. CONLEY | 10/20/2017 |
| WILLIAM S. OSBORNE | 10/20/2017 |

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: | 16499255 |

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

Correspondent Name: HP INC.

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

| ATTORNEY DOCKET NUMBER: | 85789837 |
|-------------------------|--------------------|
| NAME OF SUBMITTER: | CARRIE A. MILANO |
| SIGNATURE: | /Carrie A. Milano/ |
| DATE SIGNED: | 09/28/2019 |

Total Attachments: 5

source=85789837 Executed Assignment#page1.tif source=85789837 Executed Assignment#page2.tif source=85789837 Executed Assignment#page3.tif

PATENT 505697276 REEL: 050536 FRAME: 0302

source=85789837 Executed Assignment#page4.tif source=85789837 Executed Assignment#page5.tif

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

PATENT APPLICATION

| | 0.4000000 |
|------------|-----------|
| RECORD ID: | 84669983 |
| | |

ASSIGNMENT OF PATENT APPLICATION

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

| Limited Partner | ship having its principal affiliates agree to assign | l place of business in F in and transfer and hereby | louston, Tex assign and | PMENT COMPANY, L.P., a Texas as, (hereinafter HPDC), and to its transfer to HPDC, its successors and and under an application for Patent |
|---|--|---|---|---|
| INK TANK CAP | AND VALVE LINKAGE | | | |
| Filing Date: | 20 Oct 2017 | Applic | cation No.: | PCT/US2017/057742 |
| divisionals and | renewals of and substitu | ites for said application for | said Patent, | nuations, continuations-in-part (C-I-P's), and any and all other Patent of any r reexaminations, or extensions of said |
| by HPDC, its su Patent respective | ccessors, assigns, nomin ely may be granted, reiss | ees or legal representatives | s, to the full of | t in any country, to be held and enjoyed end of the term or terms for which said s 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 execute rightful oaths and legal representation improvement(s) | Il not execute any agreent made, and without undure said invention(s) or impal representatives, and I/A or improvement(s), said ute all disclaimers and of declarations, and generatives to obtain and enforce | nent in conflict herewith, and e delay, execute and deliver rovement(s), said application we agree to communicate to application and said Patent divisionals, continuations, Cally to do everything possible ce, for its or their own ben | I I/we further all such paper and said Paper HPDC, or to to testify in II-P's, reissue to aid HPDC efit, proper p | 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 lawful e and foreign applications, to make all c, its successors, assigns, nominees and latent protection for said invention(s) or red by me/us in lending such cooperation |
| applications as invention(s) or | aforesaid to issue to HP | DC, as assignee of the enti ay be issued and granted | re right, title | ies whose duty it is to issue patents on and interest, any and all Patent for said result of the application aforesaid, in |
| I/we furthe application for Pknown to them. | r authorize and direct the authorize and direct the attent, now identified by the | e attorneys of record to in the Record ID and title set for | sert the filing th above, as | g date and application number of said soon as the same shall have been made |
| IN MITHE | SS WHEREOF, I/we here | unto set my/our hand(s) a | nd seal(s): | |
| 9 | -2- | | i | 10-19-17 |
| Inventor's Signat | ure | Andrew Control of the State of | Date | 10 11 - 1 |
| 1 | | | | |
| John J. | Cantr | | | |
| First/Middle Name | Last Na | me | | |
| Inventor's Signat | ure | | Date | |
| Keith | Jariab | ıka | | |
| First/Middle Name | e Last Na | me | | |
| Rev 8/2014 (Assignment | ent) | Page 1 of | | |

| HP Inc. | PATENT APPLICATION |
|---|---|
| 3390 E. Harmony Road Mail Stop 35 | |
| Fort Collins, Colorado 80528 | RECORD ID: 84669983 |
| | SSIGNMENT OF PATENT APPLICATION |
| I/We, the undersigned (each), and in furtherance of my/our ob Limited Partnership having its p subsidiaries and affiliates, agree to | for good and valuable consideration, the receipt of which is hereby acknowledged igations to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas incipal place of business in Houston, Texas, (hereinafter HPDC), and to its assign and transfer and hereby assign and transfer to HPDC, its successors and interest, including the right of priority, in, to and under an application for Paten |
| INK TANK CAP AND VALVE LIN | KAGE |
| Filing Date: 20 Oct 2017 | Application No.; PCT/US2017/057742 |
| divisionals, and renewals of and s | ent(s) set forth therein, and any and all continuations, continuations-in-part (C-t-P's) abstitutes for said application for said Patent, and any and all other Patent of any need thereon or therefore; and any reissues, or reexaminations, or extensions of said |
| by HPDC, its successors, assigns, | It to file applications in my/our name for Patent in any country, to be held and enjoyed to the following the properties of the full end of the term or terms for which said reissued or extended, as fully and entirely as the same would have been held and it, and transfer not been made; |
| executed and will not execute any a time a request is made, and without perfect the title to said invention(s) of nominees or legal representatives, a said invention(s) or improvement(s), papers, to execute all disclaimers rightful oaths and declarations, and of legal representatives to obtain and | I/we have full right to convey the entire interest herein assigned, and that I/we have no greement in conflict herewith, and I/we further covenant and agree that I/we will, each undue delay, execute and deliver all such papers as may be necessary or desirable to r improvement(s), said application and said Patent, to HPDC, its successors, assigns nd I/we agree to communicate to HPDC, or to its nominee, all known facts respecting said application and said Patent, to testify in any legal proceedings, to sign all lawfu and divisionals, continuations, C-I-P's, reissue and foreign applications, to make as enerally to do everything possible to aid HPDC, its successors, assigns, nominees and enforce, for its or their own benefit, proper patent protection for said invention(s) or es provided the expenses which may be incurred by me/us in lending such cooperation. |
| applications as aforesaid, to issue t | I request the official of any country or countries whose duty it is to issue patents or O HPDC, as assignee of the entire right, title and interest, any and all Patent for said in may be issued and granted on or as a result of the application aforesaid, in ignment. |
| application for Patent, now identified | ct the attorneys of record to insert the filing date and application number of said by the Record ID and title set forth above, as soon as the same shall have been made |
| snown to usem. | |
| known to them. IN WITNESS WHEREOF, I/we | nereunto set my/our hand(s) and seal(s): |
| | nereunto set my/our hand(s) and seal(s): Date |

First/Middle Name

First/Middle Name

Rev 8/2014 (Assignment)

Keith

Inventor's Signature 🔑

Last Name

Jariabka

Last Name

Page 1 of

PATENT

14/20/2017

HP Inc. 3390 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80538

PATENT APPLICATION

| Mail Stop 35 Fort Collins, Colorado 80528 | | RECORD ID: | 84669983 |
|--|------------------------|--------------------|----------|
| , | ASSIGNMENT OF PATENT A | PPLICATION (cont.) | ř |
| al any | | 10/29/2 | '017 |
| Inventor's Signature | | Date | |
| Theodore J. | Conley | | |
| First/Middle Name | East Name | | |
| inventor's Signature | | Date | |
| William S. | Osborne | | |
| 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 | | Dale | |
| First/Middle Name | Last Name | | |
| Inventor's Signature | | Date | |
| First/Middle Name | Last Name | | |

Page 2 of

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

| PATENT APPLICATIO |
|-------------------|
|-------------------|

| RECORD ID: | 84669983 |
|------------|----------|
| | |

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 ıt

| subsidiaries ar | nd affiliates, agree to assign an | d transfer and hereby a | assign and t | as, (hereinafter HPDC), and to its ransfer to HPDC, its successors and and under an application for Patent |
|--|---|--|--|--|
| INK TANK CA | P AND VALVE LINKAGE | | | |
| Filing Date: _ | 20 Oct 2017 | Applica | ition No.: _ | PCT/US2017/057742 |
| divisionals, and | I renewals of and substitutes f | or said application for s | 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 s Patent respecti | uccessors, assigns, nominees of | or legal representatives, or extended, as fully an | to the full e | 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 w time a request i perfect the title nominees or leg said invention(s papers, to exec rightful oaths ar legal representa improvement(s) | vill not execute any agreement in its made, and without undue delat to said invention(s) or improvem gal representatives, and I/we ago or improvement(s), said applicate all disclaimers and divisional declarations, and generally to atives to obtain and enforce, fo | n conflict herewith, and I y, execute and deliver a nent(s), said application ree to communicate to F cation and said Patent, t nals, continuations, C-I- do everything possible to r its or their own benefi | We further of last paper and said Paid PDC, or to the testify in a P's, reissue of aid HPDC, it, proper pa | herein assigned, and that I/we have not covenant and agree that I/we will, each its as may be necessary or desirable to tent, to HPDC, its successors, assigns, its nominee, all known facts respecting iny legal proceedings, to sign all lawful and foreign applications, to make all its successors, assigns, nominees and itent protection for said invention(s) or d by me/us in lending such cooperation |
| applications as invention(s) or | aforesaid, to issue to HPDC, as | s assignee of the entire | right, title a | s whose duty it is to issue patents on nd interest, any and all Patent for said result of the application aforesaid, in |
| | | | | date and application number of said on as the same shall have been made |
| IN WITNE | SS WHEREOF, I/we hereunto s | et my/our hand(s) and | d seal(s): | |
| Inventor's Signat | TITE | | Date | |
| | | | Butto | |
| John J. First/Middle Name | Cantrell Last Name | | _ | |
| Inventor's Signat | ure | | _ Date | |
| Keith | Jariabka | | | |
| First/Middle Name | | | _ | |
| Rev 8/2014 (Assignment | ent) | Page 1 of | | |

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

PATENT APPLICATION

| 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | <u></u> | RECORD ID: 84669983 |
|---|--------------------|--|
| | ASSIGNMENT OF PATI | ENT APPLICATION (cont.) |
| Inventor's Signature | | |
| Theodore J. | Conley | |
| First/Middle Name | Last Name | |
| Inventor's Signature | Mon | 10 20 2017 Date |
| William S. | Osborne | |
| 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 | |
| | | |

Page 2 of

RECORDED: 09/28/2019

Rev 8/2014 (Assignment)