503543333 10/28/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3589960

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------|----------------|
| JEFFREY CLIFFORD MOGUL | 04/24/2013 |
| JOSE RENATO G. SANTOS | 04/24/2013 |
| YOSHIO TURNER | 04/24/2013 |
| KEVIN T. LIM | 04/26/2013 |

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: | 14787529 |

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: 970-898-7444

Email: hpe.ip.mail@hp.com

Correspondent Name: HP COMPANY

Address Line 1: 3404 E. HARMONY ROAD

Address Line 2: MAIL STOP 79

Address Line 4: FORT COLLINS, COLORADO 80528

| ATTORNEY DOCKET NUMBER: | 90099129 |
|-------------------------|------------------|
| NAME OF SUBMITTER: | DEBORAH HIGHAM |
| SIGNATURE: | /Deborah Higham/ |
| DATE SIGNED: | 10/28/2015 |

Total Attachments: 6

source=90099129_Assignment#page1.tif source=90099129_Assignment#page2.tif

PATENT 503543333 REEL: 036900 FRAME: 0835

source=90099129_Assignment#page3.tif
source=90099129_Assignment#page4.tif
source=90099129_Assignment#page5.tif
source=90099129_Assignment#page6.tif

PATENT REEL: 036900 FRAME: 0836

| PATENT | A 23235 | 85 5 | T8538 |
|--|-------------|---------|------------|
| ************************************** | AX 2" 2" 3. | . 63 65 | . 2 25 325 |

| RECORD ID: | 83206033 | |
|------------|----------|--|
| RECORD ID: | 83206033 | |

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree, that for good and valuable consideration, the

| receipt of which is hereby acknowledged, and in furtherance of DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership havi Texas, (hereinafter HPDC), and to its subsidiaries and affiliates, to as assigns, the entire right, title and interest, including the right of prior antilled: | ing its principal place of business in Houston, sign and transfer to HPDC, its successors and |
|---|---|
| GOVERNING BARE METAL GUESTS | |
| Filing Date: Applicati | on No.: |
| and the invention(s) and improvement(s) set forth therein, and any and divisionals, and renewals of and substitutes for said application for sa countries thereto which may be granted thereon or therefore; and any repatent. | id Patent, and any and all other Patent of any |
| I/we additionally authorize HPDC to file applications in my/our name by HPDC, its successors, assigns, nominees or legal representatives, to Patent respectively may be granted, reissued or extended, as fully and enjoyed by me/us had this assignment, and transfer not been made; | the full end of the term or terms for which said |
| AND I/we hereby covenant that I/we have full right to convey the entirexecuted and will not execute any agreement in conflict herewith, and I/we time a request is made, and without undue delay, execute and deliver all perfect the title to said invention(s) or improvement(s), said application are nominees or legal representatives, and I/we agree to communicate to HP said invention(s) or improvement(s), said application and said Patent, to papers, to execute all disclaimers and divisionals, continuations, C-I-P' rightful oaths and declarations, and generally to do everything possible and legal representatives to obtain and enforce, for its or their own benefit improvement(s) in any and all countries provided the expenses which cooperation and assistance are paid by HPDC; | we further covenant and agree that I/we will, each such papers as may be necessary or desirable to ad said Patent, to HPDC, its successors, assigns, PDC, or to its nominee, all known facts respecting testify in any legal proceedings, to sign all lawful is, reissue and foreign applications, to make all to aid HPDC, its successors, assigns, nominees it, proper patent protection for said invention(s) or |
| AND I/we hereby authorize and request the official of any country applications as aforesaid, to issue to HPDC, as assignee of the entire risponding or improvement(s) which may be issued and granted on accordance with the terms of this assignment. | ght, title and interest, any and all Patent for said |
| I/we further authorize and direct the attorneys of record to insert application for Patent, now identified by the Record ID and title set forth at known to them. | |
| IN WATNESS WHEREOF, I/we hereunto set my/our hand(s) and s | seal(s): |
| Jeffrey Clifford Mogul | |
| Inventor's Typed Name | |
| nventor's Signature | Date |
| Jose Renato G. Santos | |
| nventor's Typed Name | |

Rev 1/ 2013 (Assignment)

Page 1 of 2

PATENT APPLICATION

| Mail Stop 35 Fort Collins, Colorado 80528 | RECORD ID: | 83206033 |
|---|-------------------------------|----------|
| ASSIGNME | NT OF PATENT APPLICATION (con | t.) |
| Inventor's Signature | Date | |
| Yoshio Turner Inventor's Typed Name | | |
| | | |
| Inventor's Signature | Date | |
| Kevin T. Lim Inventor's Typed Name | | |
| Inventor's Signature | Date | |
| Inventor's Typed Name | | |
| Inventor's Signature | Date | |
| Inventor's Typed Name | | |
| Inventor's Signature | Date | |
| Inventor's Typed Name | | |
| Inventor's Signature | Date | |
| Inventor's Typed Name | | |

Page 2 of 2

HEWLETT-PACKARD COMPANY

| | | | | ଚ୍ଚ | | | |
|--|--|--|--|-----|--|--|--|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| Intellectual Property Administrator | | | a section of the sect |
|---|--|---|--|
| 3404 E. Harmony Road Mail Stop 35 | | RECORD ID: | 83206033 |
| Fort Collins, Colorado 80528 | | | |
| | ASSIGNMENT OF PATE | NT APPLICATION | |
| receipt of which is hereby a DEVELOPMENT COMPANY, Texas, (hereinafter HPDC), and | acknowledged, and in furthers L.P., a Texas Limited Partners id to its subsidiaries and affiliate | ance of my/our oblig ship having its princip es, to assign and trans | d and valuable consideration, the ations to HEWLETT-PACKARD al place of business in Houston, sfer to HPDC, its successors and under an application for Patent |
| GOVERNING BARE METAL | GUESTS | | |
| Filing Date: | | application No.: | |
| and the invention(s) and impro divisionals, and renewals of ar | vernent(s) set forth therein, and nd substitutes for said application | any and all continuation for said Patent, and | ons, continuations-in-part (C-I-P's), is any and all other Patent of any examinations, or extensions of said |
| by HPDC, its successors, assig Palent respectively may be gra | ins, nominees or legal represent | atives, to the full end outlined and outlined the full and entirely as the | ny country, to be held and enjoyed of the term or terms for which said a same would have been held and |
| executed and will not execute a time a request is made, and with perfect the title to said invention nominees or legal representative said invention(s) or improvement papers, to execute all disclaim rightful oaths and declarations, and legal representatives to obt | iny agreement in conflict herewith hout undue delay, execute and di i(s) or improvement(s), said applies, and I/we agree to communicat(s), said application and said Piers and divisionals, continuation and generally to do everything ain and enforce, for its or their or I countries provided the expen | n, and I/we further cove eliver all such papers a ication and said Patent, ate to HPDC, or to its n atent, to testify in any I is, C-I-P's, reissue and possible to aid HPDC, wn benefit, proper pater | in assigned, and that I/we have not inant and agree that I/we will, each is may be necessary or desirable to to HPDC, its successors, assigns, iominee, all known facts respecting egal proceedings, to sign all lawfuld foreign applications, to make all its successors, assigns, nominees at protection for said invention(s) or curred by me/us in lending such |
| applications as aforesaid, to iss | ue to HPDC, as assignee of the which may be issued and gra | entire right, title and in | hose duty it is to issue patents on nterest, any and all Patent for said ilt of the application aforesaid, in |
| | | | e and application number of said as the same shall have been made |
| IN WITNESS WHEREOF, I | /we hereunto set my/our hanc | f(s) and seal(s): | |
| | | | |
| Inventor's Signature | | Date | |
| Jeffrey Clifford Mogul | iir ure | | |
| Inventor's Typed Name | And the state of t | | <i>(</i> |
| dana dilana dila | and the state of t | general) di per saturdi | 14 /m. 19 |
| Inventor's Signature | <u> </u> | Date / | |

Rev 1/2013 (Assignment)

dose Renato G. Santos Inventor's Typed Name

Page 1 of 2

HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35

PATENT APPLICATION

| Mail Stop 35 Fort Collins, Colorado 80528 | RECORD ID: 83206033 | |
|--|-----------------------------------|--------------|
| | ENT OF PATENT APPLICATION (cont.) | |
| John Turn | | |
| inventór's Signature | Date | |
| Yoshio Türner Inventor's Typed Name | | |
| inventor's Signature | Date | |
| Kevin T. Lim Inventor's Typed Name | | |
| Inventor's Signature | | |
| Inventor's Typed Name | | |
| Inventor's Signature | Date | |
| Inventor's Typed Name | | |
| | | |
| inventor's Signature | Date | |
| Inventor's Typed Name | | |
| Inventor's Signature | Ωate | |
| · | | |
| Inventor's Typed Name | | |

Page 2 of 2

| PATENT APPI ICATIC | |
|--------------------|--|
| | |

| | 1 | | | | | |
|-----|-----|--|--|--------------|---------------|--|
| | į: | | | | | |
| | | | | BECORD ID- | 83206033 | |
| | į · | | | itaaaiia ia. | ~~~~~~~~~ | |
| 72Q | } | | | | | |

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree, that 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 Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), and to its subsidiaries and affiliates, to assign and transfer to HPDC, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Patent

Rev 1/ 2013 (Assignment)

| entitled: | |
|--|---|
| GOVERNING BARE METAL GUESTS | |
| Filing Date: Appl | |
| Apple and the invention(s) and improvement(s) set forth therein, and any divisionals, and renewals of and substitutes for said application for countries thereto which may be granted thereon or therefore; and a Patent. | or said Patent, and any and all other Patent of any |
| I/we additionally authorize HPDC to file applications in my/our not be HPDC, its successors, assigns, nominees or legal representative Patent respectively may be granted, reissued or extended, as fully anjoyed by me/us had this assignment, and transfer not been made; | es, to the full end of the term or terms for which said |
| AND I/we hereby covenant that I/we have full right to convey the executed and will not execute any agreement in conflict herewith, and time a request is made, and without undue delay, execute and delive perfect the title to said invention(s) or improvement(s), said application nominees or legal representatives, and I/we agree to communicate it said invention(s) or improvement(s), said application and said Paten papers, to execute all disclaimers and divisionals, continuations, Congitiful paths and declarations, and generally to do everything poss and legal representatives to obtain and enforce, for its or their own being provided the expenses excoperation and assistance are paid by HPDC: AND I/we hereby authorize and request the efficial of any countent applications as aforesaid, to issue to HPDC, as assignee of the entinvention(s) or improvement(s) which may be issued and granted accordance with the terms of this assignment. I/we further authorize and direct the altomeys of record to inspect to the Patent, now identified by the Record ID and title set for | nd I/we further covenant and agree that I/we will, each or all such papers as may be necessary or desirable to on and said Patent, to HPDC, its successors, assigns, o HPDC, or to its nominee, all known facts respecting it, to testify in any legal proceedings, to sign all lawful 24-P's, reissue and foreign applications, to make all sible to aid HPDC, its successors, assigns, nominees renefit, proper patent protection for said invention(s) or which may be incurred by me/us in lending such intry or countries whose duty it is to issue patents on fire right, title and interest, any and all Patent for said on or as a result of the application aforesaid, in assert the filling date and application number of said |
| inown to them. IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) a | |
| | |
| nventor's Signature | Date |
| leffrey Clifford Moguli | |
| nventor's Typed Name | |
| | |
| | |
| riveritor's Signature | Date |
| ose Renato G. Santos | |
| nventor's Typed Name | |

Page 1 of 2

PATENT REEL: 036900 FRAME: 0841

PATENT APPLICATION

| | | | RECORD ID: | | 83206033 | |
|----|-----------------------|---|------------------|------------------|----------|--|
| | | | | | | |
| 00 | SIRRESIT OF PATER | 4 | **************** | a da din din dia | | |

ASSIGNMENT OF PATENT APPLICATION (cont.)

| Inventor's Signature | | | | |
|---|--|-------------------|----------|--|
| macino a ordinardira | | Date | | |
| Yoshio Tumer | | Section 1 | | |
| Inventor's Typed Name | | : | | |
| | | | | |
| | | | | |
| | | 4/201 | 3 | |
| /UM (S. MY) | and the second s | <u> </u> | <u> </u> | |
| Inventor's Signature | | Date | | |
| Kevin T. Lim | | | | |
| Inventor's Typed Name | | uder , | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Inventor's Signature | | Date | <u> </u> | |
| | | | | |
| | | | | |
| nventor's Typed Name | | | | |
| | | | | |
| | | | | |
| | | | | |
| Inventor's Signature | | Date | | |
| | | Date | | |
| | | | | |
| nventor's Typed Name | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| nventor's Signature | | Date | | |
| nventor's Signature | | Dale | | |
| | | Daie | | |
| | | Daio | | |
| | | Date | | |
| | | Date | | |
| | | Dale | | |
| nventor's Typed Name | | | | |
| nventor's Typed Name | | Date | | |
| nventor's Typed Name | | Date | | |
| nventor's Signature nventor's Typed Name nventor's Signature nventor's Typed Name | | Date | | |
| nventor's Typed Name nventor's Signature | | Date | | |

Page 2 of 2

RECORDED: 10/28/2015

Rev 1/ 2013 (Assignment)

PATENT REEL: 036900 FRAME: 0842