505658555 09/06/2019

PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| JOAO CARRION | 03/24/2017 |
| FABIO D RIFFEL | 03/24/2017 |
| ROBERTO BENDER | 03/24/2017 |
| RAFAEL DA CUNHA | 03/24/2017 |

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: | 16490668 | | | |

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 **Email:** ipa.mail@hp.com

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: | 85797525 |
|-------------------------|------------------|
| NAME OF SUBMITTER: | DEBBIE BORLAND |
| SIGNATURE: | /DEBBIE BORLAND/ |
| DATE SIGNED: | 09/06/2019 |

Total Attachments: 2

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PATENT 505658555 REEL: 050292 FRAME: 0220

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

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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,

| Limited Partne subsidiaries and | nnce of my/our obligations rship having its principal pd affiliates, agree to assign aftire right, title and interest, | place of business in and transfer and here | Houston, Texas by assign and tra | s, (hereinafter Hi insfer to HPDC, it | s successors and |
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| Filing Date: _ | September 03, 2019 | Арр | lication No.: | 16/490668 | و د د د د د د د د د د د د د د د د د د د |
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| by HPDC, its su Patent respective | nally authorize HPDC to file uccessors, assigns, nomineed wely may be granted, reissue as had this assignment, and to | s or legal representations or extended, as fully | ves, to the full end and entirely as | d of the term or te | rms for which said |
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| Fabio . | Riffel | | | | |

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Last Name

PATENT **REEL: 050292 FRAME: 0221**

First/Middle Name

| HP Inc. | |
|------------|--------------------|
| 3390 E. I | larmony Road 35 |
| Mail Stop | 35 |
| Fort Colli | ns, Colorado 80528 |
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PATENT APPLICATION

| Inventor's Signature Date First/Middle Name Last Name Inventor's Signature Date | Fort Collins, Colorado 80 | 528 | RECORD ID: | 84601573 |
|--|--|------------------|---------------------------------------|--|
| Inventor's Signature Roberto Bender First/Middle Name Last Name Inventor's Signature Inventor's Signature Last Name Date Date | | ASSIGNMENT OF PA | TENT APPLICATION (cor | it.) |
| Inventor's Signature Roberto Bender First/Middle Name Last Name Inventor's Signature Inventor's Signature Last Name Date Date | Mil | | | 2/24/17 |
| Roberto Bender First/Middle Name Last Name Parallel da Cunha First/Middle Name Last Name Inventor's Signature Date First/Middle Name Last Name Date | Inventor's Signature | | | 3/24//4 |
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| 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 | Rafael | da Cunha | | |
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Rev 8/2014 (Assignment)

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