PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7815782

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------------|----------------|
| SCOTT A. LINN | 02/05/2019 |
| JAMES MICHAEL GARDNER | 02/06/2019 |
| ERIK D. NESS | 02/06/2019 |

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: | 17985590 |

CORRESPONDENCE DATA

Fax Number: (202)672-5399

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.

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Email: IPdocketing@Foley.com,mlopescarvalho@Foley.com

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Address Line 2: SUITE 600

Address Line 4: WASHINGTON, D.C. 20007

| ATTORNEY DOCKET NUMBER: | 86196715 |
|-------------------------|------------------------------------------------------------|
| NAME OF SUBMITTER: | MARIA LOPES-CARVALHO |
| SIGNATURE: | /Maria Lopes-Carvalho/ |
| DATE SIGNED: | 02/26/2023 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

Total Attachments: 3

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PATENT 507768655 REEL: 062805 FRAME: 0029

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PATENT REEL: 062805 FRAME: 0030 HP Inc. 3390 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

| RECORD ID | | 8567 | 08 | 06 | |
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ASSIGNMENT OF PATENT APPLICATION

I, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, agree to assign and transfer and hereby assign and transfer to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter "HPDC"), its successors, and its assigns, my entire right, title, and interest, including all rights of priority, in, to, and under an application for patent entitled (English-language title in parentheses if said application for patent is in another language):

INTEGRATED CIRCUITS INCLUDING CUSTOMIZATION BITS

Filing Date: 06 February 2019 Application No.: PCT/US2019/016905 Patent Office: US

the subject matter, including any and all inventions, improvements, and discoveries, set forth in said application for patent (as used herein "patent" refers to any form of intellectual property protection including, without limitation, invention rights, utility patent rights, design rights, and utility model rights) (hereinafter "Inventions"); any and all existing and future applications for patent of any country or region or under any international agreement for any of said Inventions (including, without limitation, said application for patent, any and all applications for patent directly or indirectly claiming priority to or benefit of any application for patent for any of said Inventions, any and all applications for patent from which any application for patent for any of said Inventions directly or indirectly claims priority or benefit, and any and all continuation applications of, continuation-in-part applications (hereinafter CIPs) of, divisional applications of, national-phase applications of, regional-phase applications of, renewals of, and substitutes for any application for patent for any of said Inventions) (hereinafter "Applications for Patent"); any and all patents which may be granted on or as a result of said Applications for Patent (hereinafter "Patents"); and any and all reissues, reexaminations, and extensions of said Applications for Patent or said Patents.

I HEREBY represent that I convey my full rights in all countries and regions and under all international agreements to the entire right, title, and interest herein assigned and transferred, and that I have not executed and will not execute any agreement in conflict herewith;

AND I HEREBY authorize HPDC, its successors, its assigns, its nominees, and its legal representatives to file said Applications for Patent in its name or in my name in any country or region or under any international agreement, and further authorize HPDC, its successors, its assigns, its nominees, and its legal representatives to insert the filing date, application number, and patent office of said application for patent, now identified by the Record ID and title set forth above, when known to them;

AND I HEREBY authorize and request the officials of all countries and regions and under all international agreements whose duty it is to issue patents, to issue to HPDC, its successors, or its assigns, as assignee of my entire right, title, and interest, said Patents, in accordance with the terms of this assignment and transfer;

AND I HEREBY covenant and agree that I will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title in said Inventions, Applications for Patent, and Patents, to HPDC, its successors, or its assigns; communicate to HPDC, its successors, its assigns, its nominees, or its legal representatives, all known facts respecting said Inventions, Applications for Patent, and Patents; testify in any legal or administrative proceedings and sign all lawful papers (including, without limitation, divisional applications, continuation applications, CIPs, and reissue applications) relating to said Inventions, Applications for Patent, and Patents; and make all rightful oaths and declarations and generally to do everything possible to aid HPDC, its successors, its assigns, its nominees, and its legal representatives to obtain, maintain, and enforce, for its or their own benefit, proper intellectual property protection for said Inventions, Applications for Patent, and Patents, provided the expenses which may be incurred by me in lending such cooperation and assistance are paid by HPDC, its successors, its assigns, its nominees, or its legal representatives.

| IN WITNESS WHEREOF, I h | nereunto set my hand and s | eal: | | |
|----------------------------------|----------------------------|--------------|-------------------|-----------------------|
| Inventor's Signature | • | | February Month | 7 <u>2019</u> Year |
| Scott A. Linn | | | | |
| Given (First and Middle) Name(s) | Family Name | 1 | | |

Rev 8/2018 (HPDC Assignment)

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

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| | | | STUMIZATION BITS | | |
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| Filing Date: 06 | repruary | 2019 | _ Application No.: | PCT/US2019/016905 | Patent Office: US |
| nerein 'patent' refers design rights, and it country or region or patent, any and all a said inventions, any indirectly claims prio of, divisional applica application for paten | s to any form of stilly model right under any interr pplications for p and all applica- rity or benefit, a tions of national tions any of said and Applications | intellectual its) (hereini national agri atent direct itions for pri nd any and al-phase ap Inventions is for Patent | property protection in after "Inventions"), ai eement for any of sa ity or indirectly claimi atent from which any all continuation appli plications of, regions) (hereinafter "Applica | nd discoveries, set forth in said a cluding, without limitation, invent my and all existing and future a id Inventions (including, without ing priority to or benefit of any ap- application for patent for any cations of, continuation-in-part a il-phase applications of, renewa ations for Patent"); any and all p i"); and any and all reissues, re- | ion rights, utility patent rights, pplications for patent of any limitation, said application for pplication for patent for any of of said Inventions directly or pplications (hereinafter CIPs) is of, and substitutes for any atents which may be granted |
| I HEREBY reprientire right, title, and conflict herewith. | esent that I con interest herein : | vey my full assigned ar | rights in all countriend transferred, and the | s and regions and under all intention at I have not executed and will r | ernational agreements to the not execute any agreement in |
| Applications for Pate authorize HPDC, its | ent in its name successors, its | or in my n. s assigns, | ame in any country its nominees, and it | s, its nominees, and its legal or region or under any internat is legal representatives to inser and by the Record ID and title se | ional agreement, and further |
| AND I HEREBY duty if is to issue par Patents, in accordan | ents, to issue it |) HPOC, its | successors, or its a | es and regions and under all inte ssigns, as assignee of my entire ; | ernational agreements whose right, title, and interest, said |
| such papers as may HPDC, its successor all known facts respi- and sign all lawful applications) relating | De necessary of its assigns, outing said inver- papers (includir to said inventi- thing possible to | or desirable communications, Appliance, without ons, Applications, Appli | e to perfect the title ate to HPDC, its suc- ications for Patent, a limitation, divisional ations for Patent, an is its successors, its | est is made, and without undue in said Inventions, Applications essors, its assigns, its nominee nd Patents; testify in any legal applications, continuation app d Patents; and make all rightfu assigns, its nominees, and its le | s for Patent, and Patents, to s, or its legal representatives, or administrative proceedings lications, CIPs, and reissue to other and deviatations and |

maintain, and enforce, for its or their own benefit, proper intellectual property protection for said Inventions. Applications for Patent, and Patents, provided the expenses which may be incurred by me in lending such cooperation and assistance are paid by HPDC.

IN WITNESS WHEREOF, I hereunto set my hand and seal

its successors, its assigns, its nominees, or its legal representatives.

inyentor's Signature

Day

Adomith

Verne

James Michael Gardner

Given (First and Middle) Name(s)

Family Name

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

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