506920105 10/13/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6966940

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAYALAKSHMI MANJUNATH BHAT	04/12/2019
DIVYA BIDARAKATTE NANJARANGAIAH	04/15/2019
DEB RUPAM BANERJEE	04/12/2019
POORNIMA ANGADI HIREMATH	04/12/2019
LAKSHMI VENKATASWAMY SETTY	04/15/2019

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:	17593598

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: 86044459				
NAME OF SUBMITTER:	ANN WEBSTER JESUS			
SIGNATURE:	/Ann Webster Jesus/			
DATE SIGNED:	10/13/2021			

Total Attachments: 5

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PATENT REEL: 057782 FRAME: 0177

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PATENT REEL: 057782 FRAME: 0178

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Patent Office: IN

RECORD ID: 700232255

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 Spring, 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):

Filing Date: 04 Contember 2004

of said Applications for Patent or said Patents.

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

Application No.: 17/593598

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 hereunto set my hand and seal:

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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 Spring, 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): ORPHANED PRINT JOB RENEWAL Application No.: Patent Office: IN Filing Date: 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 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 paths 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 hereunto set my hand and seal:

Rev 8/2018 (HPDC Assignment)

Inventor's Signature

Divya Bidarakatte Nanjarangaiah Given (First and Middle) Name(s)

Family Name

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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 and interest, including all rights of prior if said application for patent is in anoth	rity, in, to, and under an applica			
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Filing Date:	Application No.:			Patent Office: IN ;
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I HEREBY represent that I convenier right, title, and interest herein as conflict herewith;	ey my full rights in all countries ssigned and transferred, and the	and region at I have not	ns and under all intel I executed and will no	national agreements to the it execute any agreement in
AND I HEREBY authorize HPD Applications for Patent in its name o authorize HPDC, its successors, its number, and patent office of said app them;	r in my name in any country o assigns, its nominees, and its	or region or legal repr	under any internatio esentatives to insert	onal agreement, and furthe the filing date, application
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AND I HEREBY covenant and ag such papers as may be necessary of HPDC, its successors, or its assigns; all known facts respecting said Invention and sign all lawful papers (including applications) relating to said Invention generally to do everything possible to maintain, and enforce, for its so their of and Patents, provided the expenses with successors, its assigns, its nomine	or desirable to perfect the title communicate to HPDC, its succitions. Applications for Patent, a g, without limitation, divisional ns. Applications for Patent, an aid HPDC, its successors, its lown benefit, proper intellectual pythich may be incurred by me in	in said Invented in said Invented in American in American in American in State in St	entions, Applications assigns, its nominees testify in any legal or s, continuation appli and make all rightful nominees, and its leg ection for said Inventi	for Patent, and Patents, to, or its legal representatives r administrative proceedings ications. CIPs, and reissue oaths and declarations and all representatives to obtain lons, Applications for Patent ions, Applications for Patent
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Inventor's Signature	<u> </u>	12 Day	Month	
DEB RUPAM BANERJEE				
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Rev 8/2018 (HPDC Assignment)

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having its principal place of business and interest, including all rights of pric if said application for patent is in anot	in Spring, Texas, (hereinafter "HPDC"), its ority, in, to, and under an application for pa her language):	successors, and its a tent entitled (English-la	ssigns, my entire right, title, anguage title in parentheses
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Filing Date:	Application No.:		Patent Office: IN ;
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Applications for Patent in its name authorize HPDC, its successors, its	DC, its successors, its assigns, its non or in my name in any country or region on assigns, its nominees, and its legal rej plication for patent, now identified by the F	or under any internation presentatives to insert	onal agreement, and further the filing date, application
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such papers as may be necessary HPDC, its successors, or its assigns; all known facts respecting said Invertional sign all lawful papers (including applications) relating to said Inventigenerally to do everything possible to maintain, and enforce, for its or their	gree that I will, each time a request is mad or desirable to perfect the title in said in communicate to HPDC, its successors, its itions, Applications for Patent, and Patenting, without limitation, divisional applications, Applications for Patent, and Patents; to aid HPDC, its successors, its assigns, its own benefit, proper intellectual property prowhich may be incurred by me in lending siess, or its legal representatives.	ventions, Applications assigns, its nominees testify in any legal o ons, continuation appl and make all rightful a nominees, and its legotection for said invent	for Patent, and Patents, to , or its legal representatives, r administrative proceedings ications, CIPs, and reissue oaths and declarations and gal representatives to obtain, ions, Applications for Patent,
IN WITNESS WHEREOF, I her	eunto set my hand and seal:	April	2019
Inventor's Signature	Day	Month	Year
Poornima Angadi Hiremath			
Given (First and Middle) Name(s)	Family Name		

Rev 8/2018 (HPDC Assignment)

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

RECORD	ID: 700232255
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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 Spring, 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

Filing Date:	Application No.:	Patent Office: IN ;
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	F, I hereunto set my hand and seal:	
La	eshmi 15	Th April 2019
Inventor's Signature	Day	Month Year

Rev 3/2016 (HPDC Assignment)

PATENT REEL: 057782 FRAME: 0183

RECORDED: 10/13/2021