PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7704836

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SUDHINDRA VENKATESH KULKARNI	07/17/2020
REDDAPA V SRINIVAS	07/16/2020
MARK A. FAHRENKRUG	07/16/2020
LAURENT PIZOT	07/15/2020
STEVEN SCHAAF INCH	10/05/2020
SHIVAUN ALBRIGHT	10/09/2020

RECEIVING PARTY DATA

Name:	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
Street Address:	10300 ENERGY DR
City:	SPRING
State/Country:	TEXAS
Postal Code:	77389

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	18011694	

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.

Email: hp@dryjapat.com

Correspondent Name: LAW OFFICES OF MICHAEL DRYJA/HP INC.

Address Line 1: 24 ROY ST #447

Address Line 4: SEATTLE, WASHINGTON 98109

ATTORNEY DOCKET NUMBER:	86208837
NAME OF SUBMITTER:	BRENDA L. THOM
SIGNATURE:	/Brenda L. Thom/
DATE SIGNED:	12/20/2022

Total Attachments: 6

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PATENT REEL: 062160 FRAME: 0665

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PATENT REEL: 062160 FRAME: 0666

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RECORD	iD:	85899124
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ASSIGNMENT OF PATENT APPLICATION

I, the undersigned, for good and valuable of transfer and hereby assign and transfer to HEWI having its principal place of business in Spring, and interest, including all rights of priority, in, to, if said application for patent is in another language COMPLIANCE DETERMINATION OF IMAGE	LETT-PACKARD DEY Texas, (hereinafter *h and under an applica pe):	/ELOPMENT IPDC"), its suition for paten	COMPANY, L.P., a uccessors, and its ass	Texas Limited Partnership signs, my entire right, title,
Filing Date: December 20, 2022	Application No.:	18/011,	694	Patent Office: IN ;
the subject matter, including any and all inventior herein "patent" refers to any form of intellectual p design rights, and utility model rights) (hereinal country or region or under any international agrepatent, any and all applications for patent directly said Inventions, any and all applications for patindirectly claims priority or benefit, and any and of, divisional applications of, national-phase appaphication for patent for any of said Inventions) on or as a result of said Applications for Patent of said Applications for Patents.	roperty protection inc fter "Inventions"); any ement for any of sak y or indirectly claimin tent from which any all continuation applica dications of, regional (hereinafter "Applicat	luding, without and all exit and all exit inventions; generally to complication fations of, couphase applications for Pate ions for Pate	ut limitation, invention sting and future appli- (including, without lim or benefit of any appli- for patent for any of ntinuation-in-part appli- cations of, renewals of ent"); any and all pate	rights, utility patent rights, lications for patent of any itation, said application for cation for patent for any of said inventions directly or lications (hereinafter CIPs) of, and substitutes for any ents which may be granted
I HEREBY represent that I convey my full entire right, title, and interest herein assigned an conflict herewith;				
AND I HEREBY authorize HPDC, its suc Applications for Patent in its name or in my na authorize HPDC, its successors, its assigns, it number, and patent office of said application for them;	ime in any country c its nominees, and its	r region or t legal repre	inder any internation sentatives to insert t	al agreement, and further he filing date, application
AND I HEREBY authorize and request the c duty it is to issue patents, to issue to HPDC, its Patents, in accordance with the terms of this assi	successors, or its as	s and region signs, as ass	s and under all intern signee of my entire riq	ational agreements whose ght, title, and interest, said
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	y hand and seal:			
Kulkarud		17	JULY	2020 .
Inventor's Signature		Day	Month	Assu
Sudhindra Venkatesh Kulkarni Given (First and Middle) Name(s) Family Name	œ			

Rev 9/2018 (HPDC Assignment)

RECORD ID:	85899124

ASSIGNMENT OF PATENT APPLICATION

I, the undersigned, for good and valuable consideration, the retransfer and hereby assign and transfer to HEWLETT-PACKARD DITURNING having its principal place of business in Spring, Texas, (hereinafter and interest, including all rights of priority, in, to, and under an applic if said application for patent is in another language): COMPLIANCE DETERMINATION OF IMAGE FORMING APPA	EVELOPMEN 'HPDC"), its s ation for pate	T COMPANY, L.P. successors, and its	, a Texas Limited Partnership assigns, my entire right, title,
Filing Date: December 20, 2022 Application No.:	18/011,6	94	Patent Office: N
the subject matter, including any and all inventions, improvements, a herein "patent" refers to any form of intellectual property protection in design rights, and utility model rights) (hereinafter "Inventions"); a country or region or under any international agreement for any of sa patent, any and all applications for patent directly or indirectly claims said Inventions, any and all applications for patent from which an indirectly claims priority or benefit, and any and all continuation applicational applications of, national-phase applications of, region application for patent for any of said Inventions) (hereinafter "Applic on or as a result of said Applications for Patent (hereinafter "Patent of said Applications for Patents.	icluding, withing and all exited in and all exited in a line in a	out limitation, inventions inventions and future a concluding, without or benefit of any after patent for any ontinuation-in-part a lications of, renewaltent"); any and all p	tion rights, utility patent rights, applications for patent of any limitation, said application for polication for patent for any of said Inventions directly or applications (hereinafter CIPs) als of, and substitutes for any patents which may be granted
I HEREBY represent that I convey my full rights in all countrie entire right, title, and interest herein assigned and transferred, and the conflict herewith;	_		
AND I HEREBY authorize HPDC, its successors, its assign Applications for Patent in its name or in my name in any country authorize HPDC, its successors, its assigns, its nominees, and in number, and patent office of said application for patent, now identification;	or region or ts legal repre	under any intemates esentatives to inse	tional agreement, and further rt the filing date, application
AND I HEREBY authorize and request the officials of all country duty it is to issue patents, to issue to HPDC, its successors, or its a Patents, in accordance with the terms of this assignment and transfer	issigns, as as		
AND I HEREBY covenant and agree that I will, each time a req such papers as may be necessary or desirable to perfect the title HPDC, its successors, or its assigns; communicate to HPDC, its suc all known facts respecting said Inventions, Applications for Patent, and sign all lawful papers (including, without limitation, divisional applications) relating to said Inventions, Applications for Patent, and generally to do everything possible to aid HPDC, its successors, its maintain, and enforce, for its or their own benefit, proper intellectual and Patents, provided the expenses which may be incurred by me in its successors, its assigns, its nominees, or its legal representatives.	e in said Invecessors, its a and Patents; il applications nd Patents; a assigns, its r property prote	entions, Application ssigns, its nominee testify in any legal s, continuation app nd make all rightfu nominees, and its le ection for said Inver	s for Patent, and Patents, to es, or its legal representatives, or administrative proceedings plications, CIPs, and reissue all oaths and declarations and egal representatives to obtain, tions, Applications for Patent,
IN WITNESS WHEREOF, I hereunto set my hand and seal:			
Srinivas RV	16	July	2020
Inventor's Signature	Day	Month	Year
Reddapa V Srinivas Given (First and Middle) Name(s) Family Name	-		

Rev 8/2018 (HPDC Assignment)

of said Applications for Patent or said Patents.

RECORD ID:	85899124

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):

COMPLIANCE DETERMINATION OF IMAGE FORMING APPARATUSES

Filing Date:	December 20, 2022	_ Application No.:	18/011,694	Patent Office: _IN;
the subject ma	atter, including any and all inventio	ns, improvements, ar	nd discoveries, set forth in	said application for patent (as used
herein "patent"	refers to any form of intellectual i	property protection inc	cluding, without limitation,	invention rights, utility patent rights,
design rights,	and utility model rights) (hereing	after "Inventions"); an	y and all existing and fu	iture applications for patent of any
country or reg	ion or under any international agr	eement for any of sai	d Inventions (including, w	rithout limitation, said application for
patent, any an	nd all applications for patent direct	ly or indirectly claimin	g priority to or benefit of	any application for patent for any of
said Invention	s, any and all applications for pa	atent from which any	application for patent fo	r any of said Inventions directly or
indirectly clain	ns priority or benefit, and any and	all continuation applic	cations of, continuation-in	-part applications (hereinafter CIPs)
of, divisional a	applications of, national-phase ap	plications of regiona	I-phase applications of, r	enewals of, and substitutes for any
application for	patent for any of said Inventions) (hereinafter "Applica	itions for Patent"); any an	d all patents which may be granted

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:

on or as a result of said Applications for Patent (hereinafter "Patents"); and any and all reissues, reexaminations, and extensions

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 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:

Man Marked Date one P	signed by PowerShelt User owerShelt User 10.07.16 09:26:10 - 05:00"			
Inventor's Signature		 Day	Month	Year
Mark A Fahrenkrug				
Given (First and Middle) Name(s)	Family Name			

Rev 8/2018 (HPDC Assignment)

RECORD	ID:_	85899124
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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):

Filing Date: December 20, 2022 Application No.: 18/011,694 Patent Office: IN

COMPLIANCE DETERMINATION OF IMAGE FORMING APPARATUSES

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, 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 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:			
AP.	15	Jules	2020
Inventor's Signature	Day	Month /	Year
Laurent Pizot		E. Carrier	
Given (First and Middle) Name(s) Family Name			

Rev 8/2018 (NPDC Assignment)

RECORD ID:	85899124

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):

if said application for patent is in another language):						
COMPLIANCE DETERMINATION OF IMAGE FORMING APPARATUSES						
Filing Date:	December 20, 2022	Application No.:	18/011,69	94	_Patent Office: IN	;
herein apatem design rights, country or regpatent, any a said Invention indirectly clair of, divisional application fo on or as a res	atter, including any and all inve t" refers to any form of intellectu, , and utility model rights) (here gion or under any international and all applications for patent din as, any and all applications for ms priority or benefit, and any a applications of, national-phase r patent for any of said Invention sult of said Applications for Pat ations for Patent or said Patent	all property protection inceinafter "Inventions"); an agreement for any of sai rectly or indirectly claimir r patent from which any and all continuation applications of, regional (hereinafter "Application (hereinafter "Patents	cluding, without all exit and all exit	out limitation, invention isting and future appli (including, without limit or benefit of any applic for patent for any of sentinuation-in-part applications of, renewals o ent"); any and all pater	rights, utility patent riglications for patent of attion, said application attion for patent for any aid Inventions directly cations (hereinafter CI f, and substitutes for atts which may be gran	hts, any for y of y or Ps) any
	BY represent that I convey my tle, and interest herein assigned vith;					
Applications tauthorize HP	HEREBY authorize HPDC, its for Patent in its name or in m DC, its successors, its assigr patent office of said application	y name in any country ones, its nominees, and its	or region or s legal repre	under any internationa esentatives to insert th	l agreement, and furt le filing date, applicat	ther tion
duty it is to is	EREBY authorize and request to sue patents, to issue to HPDC cordance with the terms of this	, its successors, or its as	ssigns, as as			
such papers HPDC, its suc all known fac and sign all applications) generally to o maintain, and and Patents,	EREBY covenant and agree that as may be necessary or designeessors, or its assigns; commutes respecting said Inventions, A lawful papers (including, with relating to said Inventions, Ap to everything possible to aid Hell enforce, for its or their own being provided the expenses which in the state of the	rable to perfect the title inicate to HPDC, its succeptions for Patent, a out limitation, divisional plications for Patent, and PDC, its successors, its anefit, proper intellectual phay be incurred by me in	in said Inve tessors, its as and Patents; the applications of Patents; and assigns, its no roperty prote	ntions, Applications for ssigns, its nominees, o testify in any legal or a s, continuation applica and make all rightful oa ominees, and its legal action for said Invention	Patent, and Patents rits legal representative diministrative proceeding tions, CIPs, and reise the and declarations are presentatives to obtain Applications for Paters.	, to res, ngs sue and ain, ent,
IN WITN	NESS WHEREOF, I hereunto se	et my hand and seal:				
· C	Steven In	ich	05	October	2020	
Inventor's Sig			Day	Month	Year	
Steven Scha Given (First a	aaf Inch nd Middle) Name(s) Family N	Name				

Filing Date: December 20, 2022

RECORD	ID:	85899124
RECORD	ID:	85899124

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):

COMPLIANCE DETERMINATION OF IMAGE FORMING APPARATUSES

Filing Date:	December 20, 2022	Application No.:	18/011,694	Patent Office: IN
the subject ma	tter, including any and all invent	ions, improvements, ar	nd discoveries, set forti	n in said application for patent (as used
herein "patent"	refers to any form of intellectual	property protection in	cluding, without limitati	on, invention rights, utility patent rights
design rights,	and utility model rights) (herein	nafter "Inventions"); ar	ly and all existing and	future applications for patent of any
country or regi	on or under any international ac	freement for any of sai	d Inventions (including	, without limitation, said application for
patent, any an	d all applications for patent direct	ctly or indirectly claimir	ng priority to or benefit	of any application for patent for any o
said Inventions	s, any and all applications for p	patent from which any	application for patent	t for any of said Inventions directly or
				i-in-nart annlications /hereinaffer 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: October Shivaun Albright Given (First and Middle) Name(s) Family Name

Rev 8/2018 (HPDC Assignment)

PATENT REEL: 062160 FRAME: 0672

RECORDED: 12/20/2022