505894452 01/31/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5941153

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SCOTT A LINN	07/12/2017
VINCENT KORTHUIS	07/12/2017
JAMES M GARDNER	07/12/2017

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
PCT Number:	US2017041785

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:	85822369
NAME OF SUBMITTER:	KUBAE KIM
SIGNATURE:	/Kubae Kim/
DATE SIGNED:	01/31/2020

Total Attachments: 6

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> PATENT REEL: 051688 FRAME: 0189

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

Rev 8/2014 (Assignment)

PATENT APPLICATION

RECORD ID:	85822369

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each), 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 ıŧ.

subsidiaries and assigns, the entitled:	affiliates, agree to assign and transfere right, title and interest, including	pusiness in Houston, Texas, (hereinafter HPDC), and to it or and hereby assign and transfer to HPDC, its successors are the right of priority, in, to and under an application for Pate
VOLTAGE REGI	ULATOR FOR LOW SIDE SWITCH	GATE CONTROL
Filing Date:	12 July 2017	Application No.: PCT/US2017/041785
divisionals, and re	enewals of and substitutes for said a	ein, and any and all continuations, continuations-in-part (C-I-P's application for said Patent, and any and all other Patent of a refore; and any reissues, or reexaminations, or extensions of sa
by HPDC, its suc Patent respectivel	cessors, assigns, nominees or legal re	in my/our name for Patent in any country, to be held and enjoyed epresentatives, to the full end of the term or terms for which sailed, as fully and entirely as the same would have been held at been made;
executed and will time a request is a perfect the title to nominees or legal said invention(s) of papers, to execut rightful oaths and legal representatives	not execute any agreement in conflict made, and without undue delay, execut said invention(s) or improvement(s), s representatives, and I/we agree to co- or improvement(s), said application and te all disclaimers and divisionals, con- declarations, and generally to do every ves to obtain and enforce, for its or the any and all countries provided the exp	to convey the entire interest herein assigned, and that I/we have in herewith, and I/we further covenant and agree that I/we will, eate and deliver all such papers as may be necessary or desirable aid application and said Patent, to HPDC, its successors, assign mmunicate to HPDC, or to its nominee, all known facts respecting said Patent, to testify in any legal proceedings, to sign all law itinuations, C-I-P's, reissue and foreign applications, to make atthing possible to aid HPDC, its successors, assigns, nominees at heir own benefit, proper patent protection for said invention(s) enses which may be incurred by me/us in lending such cooperations.
applications as af invention(s) or in	oresaid, to issue to HPDC, as assigne	of any country or countries whose duty it is to issue patents of the entire right, title and interest, any and all Patent for saland granted on or as a result of the application aforesaid,
		record to insert the filing date and application number of sand title set forth above, as soon as the same shall have been made
IN WITNESS	WHEREOF, I/we hereunto set my/o	
Inventor's Signature		
Scott A.	Linn	
First/Middle Name	Last Name	
Inventor's Signature	9	Date
Vincent C.	Korthuis	
Eiret/Aßiddle Name	Last Mama	······································

Page 1 of 2

PATENT REEL: 051688 FRAME: 0190 HP Inc. 3390 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

PATENT APPLICATION

Fort Collins, Colorado 805	28	RECORD ID: 85822369
	ASSIGNMENT OF PA	ATENT APPLICATION (cont.)
Inventor's Signature		Date
James M.	Gardner	
First/Middle Name	Last Name	
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	
Inventor's Signature		- Date
First/Middle Name	Last Name	
Inventor's Signature		Date
First/Middle Name	Last Name	

Page 2 of 2

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

and assistance are paid by HPDC;

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Mail Stop 35 Fort Collins, Colorado 80528	RECORD ID: 85822369
I/We, the undersigned (each), for good and version and in furtherance of my/our obligations to HE Limited Partnership having its principal place subsidiaries and affiliates, agree to assign and tra	TOF PATENT APPLICATION aluable consideration, the receipt of which is hereby acknowledged, EWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas of business in Houston, Texas, (hereinafter HPDC), and to its ansfer and hereby assign and transfer to HPDC, its successors and ling the right of priority, in, to and under an application for Patent
VOLTAGE REGULATOR FOR LOW SIDE SWIT	CH GATE CONTROL
Filing Date: 12 July 2017	Application No.: PCT/US2017/041785
divisionals, and renewals of and substitutes for sa	therein, and any and all continuations, continuations-in-part (C-I-P's), aid application for said Patent, and any and all other Patent of any therefore; and any reissues, or reexaminations, or extensions of said
by HPDC, its successors, assigns, nominees or leg	tions in my/our name for Patent in any country, to be held and enjoyed gal representatives, to the full end of the term or terms for which said stended, as fully and entirely as the same would have been held and not been made;
executed and will not execute any agreement in cor- time a request is made, and without undue delay, ex- perfect the title to said invention(s) or improvement(nominees or legal representatives, and I/we agree to said invention(s) or improvement(s), said application papers, to execute all disclaimers and divisionals, rightful oaths and declarations, and generally to do e	ght to convey the entire interest herein assigned, and that I/we have not inflict herewith, and I/we further covenant and agree that I/we will, each kecute and deliver all such papers as may be necessary or desirable to s), said application and said Patent, to HPDC, its successors, assigns, or communicate to HPDC, or to its nominee, all known facts respecting in and said Patent, to testify in any legal proceedings, to sign all lawful continuations, C-I-P's, reissue and foreign applications, to make all everything possible to aid HPDC, its successors, assigns, nominees and or their own benefit, proper patent protection for said invention(s) or

AND I/we hereby authorize and request the official of any country or countries whose duty it is to issue patents on applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and interest, any and all Patent for said invention(s) or improvement(s) which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation

I/we further authorize and direct the attorneys of record to insert the filing date and application number of said application for Patent, now identified by the Record ID and title set forth above, as soon as the same shall have been made known to them.

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

Inventor's Signature		Date
Scott A.	Linn	
First/Middle/Name	Last Name	
Viner C	Lattus	7/12/17
Inventor's Signature		Date
Vincent C.	Korthuis	
First/Middle Name	Last Name	

Rev 8/2014 (Assignment)

Page 1 of 2

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

PATENT APPLICATION

RECORD ID: 85822369

	ASSIGNMENT OF PAT	ENT APPLICATION (cont.)	
Inventor's Signature		Date	
James M.	Gardner		
First/Middle Name	Last Name		
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		
Inventor's Signature		Date	
First/Middle Name	Last Name		
Inventor's Signature		Date	
First/Middle Name	Last Name		

Page 2 of 2

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

PATENT APPLICATION

RECORD ID:	85822369	

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each), 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 affiliate	s, agree to assign and tr	ansfer and hereby as	sign and t	ransfer to HPDC, its successors and and under an application for Paten
VOLTAGE REGULATO	R FOR LOW SIDE SWIT	TCH GATE CONTRO	L	
Filing Date: 12 July	2017	Applicati	on No.: _	PCT/US2017/041785
divisionals, and renewals	of and substitutes for s	aid application for sai	id Patent,	uations, continuations-in-part (C-I-P's) and any and all other Patent of any reexaminations, or extensions of said
by HPDC, its successors.	, assigns, nominees or le be granted, reissued or e	gal representatives, to xtended, as fully and	the full e	in any country, to be held and enjoyed nd of the term or terms for which said the same would have been held and
executed and will not exe time a request is made, a perfect the title to said inv nominees or legal repress said invention(s) or impro papers, to execute all di rightful oaths and declarat legal representatives to o	cute any agreement in co nd without undue delay, e rention(s) or improvement entatives, and I/we agree vement(s), said applicatio sclaimers and divisionals ions, and generally to do obtain and enforce, for its d all countries provided the	nflict herewith, and I/w xecute and deliver all s (s), said application an to communicate to HP in and said Patent, to continuations, C-I-P's everything possible to a or their own benefit,	re further of such pape and said Pair DC, or to stestify in a s, reissue aid HPDC, proper pa	herein assigned, and that I/we have no covenant and agree that I/we will, each rs as may be necessary or desirable to tent, to HPDC, its successors, assigns its nominee, all known facts respecting my legal proceedings, to sign all lawful and foreign applications, to make all its successors, assigns, nominees and tent protection for said invention(s) od by me/us in lending such cooperation
applications as aforesaid,	to issue to HPDC, as as ent(s) which may be iss	signee of the entire rig	ght, title ai	is whose duty it is to issue patents or nd interest, any and all Patent for said result of the application aforesaid, in
				date and application number of said oon as the same shall have been made
IN WITNESS WHERI	EOF, I/we hereunto set r	my/our hand(s) and s	seal(s):	
Inventor's Signature			Date	
Scott A.	Linn			
First/Middle Name	Last Name			
Inventor's Signature			Date	
Vincent C.	Korthuis			
First/Middle Name	Last Name			
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HP Inc. 3390 E. Harmony Road		PATENT APPLICA	TION
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James/	2/L	7-12-17	
Inventor's Signature		Date	
James M.	Gardner		
First/Middle Name	Last Name	·····	
Incontrate County in			
Inventor's Signature		Date	
First/Middle Name	Last Name		
Inventor's Signature		Date	
First/Middle Name	Last Name	······································	•
THISO MIGGIE HOISIC	Last Name		
Inventor's Signature		Dil	
inventor's Signature		Date	
First/Middle Name	Last Name		
Inventor's Signature		Date	
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Inventor's Signature		Date	
First/Middle Name	Last Name		

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