## 505533403 06/19/2019

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
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MATTHEW GAUBATZ	04/17/2017
STEPHEN POLLARD	04/17/2017

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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16471252

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ATTORNEY DOCKET NUMBER: 85753941

NAME OF SUBMITTER: TRACY J. KIMMEL

SIGNATURE: /Tracy J. Kimmel/

DATE SIGNED: 06/19/2019

## **Total Attachments: 3**

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PATENT 505533403 REEL: 049520 FRAME: 0545

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

#### PATENT APPLICATION

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3390 E. Harmony Road		
Mail Stop 35		
Fort Collins, Colorado 80528	RECORD ID:	84601959
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## **ASSIGNMENT OF PATENT APPLICATION**

and in furtherance of Limited Partnership h subsidiaries and affiliat	my/our obligations to HEV aving its principal place of es, agree to assign and trans	able consideration, the receipt of which is hereby acknowledged, /LETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas business in Houston, Texas, (hereinafter HPDC), and to its fer and hereby assign and transfer to HPDC, its successors and g the right of priority, in, to and under an application for Patent
DATA-BEARING MED	NUM	D.CHT/IV/0001#/000110
Filing Date: Apr	il 18, 2017	PCT/US2017/028119 Application No.:
divisionals, and renewa	ls of and substitutes for said	erein, and any and all continuations, continuations-in-part (C-I-P's) application for said Patent, and any and all other Patent of any erefore; and any reissues, or reexaminations, or extensions of said
by HPDC, its successor Patent respectively may	s, assigns, nominees or legal	ns in my/our name for Patent in any country, to be held and enjoyed representatives, to the full end of the term or terms for which said naded, as fully and entirely as the same would have been held and been made;
executed and will not extime a request is made, perfect the title to said in nominees or legal represaid invention(s) or impipapers, to execute all rightful oaths and declar legal representatives to	secute any agreement in confliction and without undue delay, execute any ention(s) or improvement(s), sentatives, and I/we agree to crovement(s), said application a disclaimers and divisionals, contains, and generally to do everally obtain and enforce, for its or and all countries provided the expectations.	to convey the entire interest herein assigned, and that I/we have no of herewith, and I/we further covenant and agree that I/we will, each dute and deliver all such papers as may be necessary or desirable to said application and said Patent, to HPDC, its successors, assigns communicate to HPDC, or to its nominee, all known facts respecting not said Patent, to testify in any legal proceedings, to sign all lawfur ontinuations, C-I-P's, reissue and foreign applications, to make all rything possible to aid HPDC, its successors, assigns, nominees and their own benefit, proper patent protection for said invention(s) or penses which may be incurred by me/us in lending such cooperation.
applications as aforesaid	d, to issue to HPDC, as assignment(s) which may be issued	al of any country or countries whose duty it is to issue patents or nee of the entire right, title and interest, any and all Patent for said If and granted on or as a result of the application aforesaid, in
I/we further author application for Patent, no known to them.	ze and direct the attorneys on identified by the Record ID a	of record to insert the filing date and application number of said and title set forth above, as soon as the same shall have been made
IN WITNESS WHEI	REOF, I/we hereunto set my/	our hand(s) and seal(s): 4/17/2017
Inventor's Signature		Date
Robert	Ulichney	
First/Middle Name	Last Name	
Inventor's Signature		Date
Matthew	Gaubatz	
First/Middle Name	Last Name	
Dou 90014 (Assissment)		

**PATENT REEL: 049520 FRAME: 0546** 

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## PATENT APPLICATION

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il Stop 35			
rt Collins, Colorado 80528	RECORD ID:	84601959	

# ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (ear and in furtherance of my/our Limited Partnership having it subsidiaries and affiliates, agn assigns, the entire right, title entitled:	obligations to HEWLET s principal place of buse to assign and transfer	FT-PACKARD siness in House and hereby as:	DEVELOPMEN ston, Texas, (h sign and transfe	T COMPANY, ereinafter HPD r to HPDC, its s	L.P., a Texas C), and to its uccessors and
DATA-BEARING MEDIUM					
Filing Date: April 18, 2	2017	Application	on No.: PC	T/US2017/0	28119
and the invention(s) and improvedivisionals, and renewals of an countries thereto which may be Patent.	d substitutes for said app	i, and any and olication for sai	all continuations d Patent, and a	i, continuations-i	n-part (C-I-P's), Patent of any
I/we additionally authorize I- by HPDC, its successors, assig Patent respectively may be grain enjoyed by me/us had this assign	ns, nominees or legal repr nted, reissued or extended	esentatives, to I, as fully and e	the full end of the	ne term or terms	for which said
AND I/we hereby covenant executed and will not execute a time a request is made, and with perfect the title to said invention nominees or legal representative said invention(s) or improvement papers, to execute all disclaime rightful oaths and declarations, a legal representatives to obtain a improvement(s) in any and all coland assistance are paid by HPDC	ny agreement in conflict he out undue delay, execute a (s) or improvement(s), said as, and I/we agree to comme (s), said application and sers and divisionals, continue and generally to do everything and enforce, for its or their untries provided the expension	prewith, and I/we and deliver all s l application and nunicate to HPE aid Patent, to to uations, C-I-P's ng possible to a r own benefit, p	e further covenar uch papers as m I said Patent, to DC, or to its nom estify in any lega , reissue and fo id HPDC, its suc proper patent pro	nt and agree that lay be necessary HPDC, its succe inee, all known fall proceedings, to reign application cessors, assigns, otection for said	I/we will, each or desirable to ssors, assigns, acts respecting o sign all lawful is, to make all nominees and invention(s) or
AND I/we hereby authorize applications as aforesaid, to issuinvention(s) or improvement(s) accordance with the terms of this	ie to HPDC, as assignee o which may be issued an	of the entire rigi	ht, title and inter	est, any and all	Patent for said
I/we further authorize and application for Patent, now idention to them.	direct the attorneys of re- fied by the Record ID and t	cord to insert title set forth abo	the filing date a ove, as soon as t	nd application n he same shall ha	umber of said we been made
IN WITNESS WHEREOF, IA	ve hereunto set my/our l	hand(s) and se	al(s):		
inventor's Signature	<del>and the second and t</del>	· · · · · · · · · · · · · · · · · · ·	Date		<del></del>
Robert	Ülichney				
irst/Middle Name	Last Name	. , , , , , , , , , , , , , , , , , , ,			
Mateliae Z.	Tenlos	<u> </u>	이니 Date	17/2017	
Matthew	Gaubatz				
irst/Middle Name	Last Name				

Rev 8/2014 (Assignment)

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Inventor's Signature	ASSIGNMENT OF PATEN	T APPLICATION (conf	April 2017
Stephen	Pollard		
First/Middle Name	Last Name	<del></del>	
Inventor's Signature		Date	
First/Middle Name	Last Name	<del></del> ,	

PATENT REEL: 049520 FRAME: 0548

**RECORDED: 06/19/2019**