505592966 07/28/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5639767

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEREMY CHIEN	07/13/2017
YU-HAO LIU	07/13/2017
MIN-HSU CHUANG	07/18/2017

RECEIVING PARTY DATA

Name:	Hewlett-Packard Development Company, L.P.
Street Address:	11445 Compaq Center Drive West
City:	Houston
State/Country:	TEXAS
Postal Code:	77070

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16481475	

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:	85774960
NAME OF SUBMITTER:	TRACY J. KIMMEL
SIGNATURE:	/Tracy J. Kimmel/
DATE SIGNED:	07/28/2019

Total Attachments: 4

source=85774960 Executed Assignment#page1.tif source=85774960 Executed Assignment#page2.tif source=85774960 Executed Assignment#page3.tif source=85774960 Executed Assignment#page4.tif

PATENT REEL: 049882 FRAME: 0370 505592966

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

Rev 8/2014 (Assignment)

PATENT APPLICATION

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each), f and in furtherance of my/our obl Limited Partnership having its pr subsidiaries and affiliates, agree to assigns, the entire right, title and entitled:	igations to HEWLETT-PACKARI incipal place of business in Ho assign and transfer and hereby a	DEVELOPN uston, Texas ssign and tra	, (hereinafter HPDC), and to its nsfer to HPDC, its successors and
RADIO MODULE CONFIGURATIO	ONS FOR ANTENNAS		
Filing Date: July 18, 201	7 Applica	tion No.:	PCT/US2017/042547
and the invention(s) and improvement divisionals, and renewals of and succountries thereto which may be grant Patent.	ibstitutes for said application for s	aid Patent, a	nd any and all other Patent of any
I/we additionally authorize HPDC by HPDC, its successors, assigns, r Patent respectively may be granted, enjoyed by me/us had this assignmen	nominees or legal representatives, reissued or extended, as fully and	to the full end	any country, to be held and enjoyed of the term or terms for which said ne same would have been held and
AND I/we hereby covenant that executed and will not execute any agitime a request is made, and without perfect the title to said invention(s) o nominees or legal representatives, a said invention(s) or improvement(s), papers, to execute all disclaimers a rightful oaths and declarations, and g legal representatives to obtain and improvement(s) in any and all countri and assistance are paid by HPDC;	greement in conflict herewith, and I undue delay, execute and deliver all rimprovement(s), said application and I/we agree to communicate to Hisaid application and said Patent, to and divisionals, continuations, C-I-tenerally to do everything possible to enforce, for its or their own benefit	we further coval such papers and said Pater PDC, or to its to testify in anyors, reissue as aid HPDC, its to proper pate.	as may be necessary or desirable to at, to HPDC, its successors, assigns, nominee, all known facts respecting legal proceedings, to sign all lawful nd foreign applications, to make all s successors, assigns, nominees and at protection for said invention(s) or
AND I/we hereby authorize and applications as aforesaid, to issue to invention(s) or improvement(s) which accordance with the terms of this ass	HPDC, as assignee of the entire ch may be issued and granted o	right, title and	whose duty it is to issue patents on interest, any and all Patent for said sult of the application aforesaid, in
I/we further authorize and dire application for Patent, now identified known to them.	ct the attorneys of record to inse by the Record ID and title set forth	rt the filing da above, as sooi	ate and application number of said n as the same shall have been made
IN WITNESS WHEREOF, I/we h	nereunto set my/our hand(s) and	seal(s):	
Ourse Ch	uns	7/1	, 2017
Inventor's Signature		Date /	
Jeremy CI	hien		
	st Name		
Brue In		1/13	2017
Inventor's Signature		Date	
Yu-Hao Li	11		
	st Name		

PATENT REEL: 049882 FRAME: 0371 HP Inc. 3390 E. Harmony Road Mail Stop 35 Fort Collins. Colorado 80528

PATENT APPLICATION

Fort Collins, Colorado 8052	8	RECORD ID: 84635211
	ASSIGNMENT OF PA	ATENT APPLICATION (cont.)
Inventor's Signature		Date
Min-Hsu	Chuang	
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

HP Inc. 3390 E. Harmony Road			PATENT APPLICATION
Mail Stop 35 Fort Collins, Colorado 80528		RECORD ID:	84635211
and in furtherance of my Limited Partnership havir subsidiaries and affiliates, assigns, the entire right, t entitled:	<pre>//our obligations to HEWLET ng its principal place of busi agree to assign and transfer a</pre>	consideration, the rece T-PACKARD DEVELC ness in Houston, Tea nd hereby assign and right of priority, in, to	ON Pipt of which is hereby acknowledged, DPMENT COMPANY, L.P., a Texas Ras, (hereinafter HPDC), and to its transfer to HPDC, its successors and and under an application for Patent
Filing Date:	ly 18, 2017	Application No.:	PCT/US2017/042547
divisionals, and renewals of	of and substitutes for said appl	ication for said Patent.	nuations, continuations-in-part (C-I-P's) and any and all other Patent of any r reexaminations, or extensions of said
Patent respectively may be	ssigns, nominees or legal repre	esentatives, to the full e as fully and entirely as	in any country, to be held and enjoyed and of the term or terms for which said s the same would have been held and
executed and will not executime a request is made, and perfect the title to said invernominees or legal represent said invention(s) or improve papers, to execute all discrightful oaths and declaration legal representatives to obt	te any agreement in conflict her without undue delay, execute a ution(s) or improvement(s), said atives, and I/we agree to commment(s), said application and salaimers and divisionals, continuis, and generally to do everythin ain and enforce, for its or their III countries provided the expensi	ewith, and I/we further and deliver all such paper application and said Paunicate to HPDC, or to aid Patent, to testify in a lations, C-I-P's, reissue g possible to aid HPDC own benefit, proper parts and deliver and the part of the said HPDC own benefit, proper parts and deliver and the said HPDC own benefit, proper parts and deliver and the said HPDC own benefit, proper parts and deliver and the said HPDC own benefit, proper parts and deliver and the said HPDC own benefit, proper parts and deliver and the said HPDC own benefit, proper parts and deliver and the said HPDC own benefit and the said HPD	herein assigned, and that I/we have not covenant and agree that I/we will, each ers as may be necessary or desirable to tent, to HPDC, its successors, assigns, its nominee, all known facts respecting any legal proceedings, to sign all lawful and foreign applications, to make all, its successors, assigns, nominees and atent protection for said invention(s) or ed by me/us in lending such cooperation
applications as aforesaid, to	issue to HPDC, as assignee o t(s) which may be issued and	f the entire right, title a	es whose duty it is to issue patents on nd interest, any and all Patent for said result of the application aforesaid, in
I/we further authorize application for Patent, now in known to them.	and direct the attorneys of rec dentified by the Record ID and ti	ord to insert the filing tle set forth above, as so	date and application number of said oon as the same shall have been made
IN WITNESS WHEREO	F, I/we hereunto set my/our h	nand(s) and seal(s):	
Inventor's Signature		Date	
Jeremy	Chien		

Page 1 of

Date

First/Middle Name

Inventor's Signature

First/Middle Name

Rev 8/2014 (Assignment)

Yu-Hao

Last Name

Liu

Last Name

HP Inc.	
3390 E. Harmor	y Road
HP Inc. 3390 E. Harmor Mail Stop 35	•
Fort Collins, Col	orado 80528

PATENT APPLICATION

Mail Stop 35			•	ALLEN ALLEN	7711011
Fort Collins, Colorado 80528		RECORD ID:		84635211	
	ASSIGNMENT OF PA	ATENT APPLICATION	(cont.)		
MTn-Hsu C Inventor's Signature	huang	Date	7/8.	2017	
Min-Hsu	Chuang				
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				
nventor's Signature		Date			
First/Middle Name	Last Name				

Rev 8/2014 (Assignment)

Page 2 of

PATENT REEL: 049882 FRAME: 0374