PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT5046089

CONVEYING PARTY DATA

Name	Execution Date
CHI-HAO CHANG	03/31/2016
KUAN-TING WU	03/30/2016
YU-LING LIN	03/31/2016

RECEIVING PARTY DATA

Name: HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.		
Street Address:	ess: 11445 COMPAQ CENTER DRIVE WEST	
City:	HOUSTON	
State/Country:	TEXAS	
Postal Code:	77070	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16067763

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.

Correspondent Name: HP INC.

Address Line 1: 3390 E. HARMONY ROAD MS 35
Address Line 2: INTELLECTUAL PROPERTY

Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	84979581
NAME OF SUBMITTER:	DEBBIE BORLAND
SIGNATURE:	/Debbie Borland/
DATE SIGNED:	07/11/2018

Total Attachments: 3

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

PATENT APPLICATION

RECORD ID:	84457300
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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 affiliates, agree to assign and transfer and hereby assign and transfer to HPDC, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Patent

Kuan-Ting

First/Middle Name

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assigns, the entire right, entitled:	the and interest, including	state fight of phonty, in, to	and under an application for Pater
INSERT-MOLDED COM	PONENTS		
Filing Date:July 2	, 2018	Application No.:	16/067763
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by HPDC, its successors, Patent respectively may b	assigns, nominees or legal	representatives, to the full ended, as fully and entirely as	in any country, to be held and enjoye nd of the term or terms for which sai the same would have been held an
executed and will not exertime a request is made, are perfect the title to said invincient or legal represe said invention(s) or improve papers, to execute all distriction of the perfect of the said invention of the perfect of the said invention of the said declaration of the said	cute any agreement in conflict and without undue delay, execu- ention(s) or improvement(s), intatives, and tive agree to o vement(s), said application a inclaimers and divisionals, or ons, and generally to do eve- otain and enforce, for its or all countries provided the ex-	ct herewith, and I/we further of ute and deliver all such paper said application and said Pal communicate to HPDC, or to nd said Patent, to testify in a portinuations, C-I-P's, reissue rything possible to aid HPDC, their own benefit, proper pa	nerein assigned, and that I/we have no covenant and agree that I/we will, each rs as may be necessary or destrable to tent, to HPDC, its successors, assignates nominee, all known facts respection my legal proceedings, to sign all lawful and foreign applications, to make a its successors, assigns, nominees an tent protection for said invention(s) of d by me/us in lending such cooperation
applications as aforesaid,	to issue to HPDC, as assignent(s) which may be issued	nee of the entire right, title ar	s whose duty it is to issue patents on ad interest, any and all Patent for sai result of the application aforesaid, i
			date and application number of sal oon as the same shall have been mad
IN WITNESS WHERE	OF, I/we hereunto set my/	our hand(s) and seal(s):	
ai hao	<u> Jang</u>		6,3,3/
nventor's Signature	V-	Date	
Chi Hao	Chang		
First/Middle Name	Last Name		
nventor's Signature		Date	

Page 1 of

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Last Name

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Fort Collins, Colorado 80528

PATENT APPLICATION

Mail Stop 35 Fort Collins, Colorado 80528		RECORD ID:	84457300
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Inventor'≰Signature	1	Date	
Yu-Ling	Lin		
First/Middle Name	Last Name		
Inventor's Signature		Date	
First/Middle Name	Last Name		
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First/Middle Name	Last Name		
Inventor's Signature		Date	
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Inventor's Signature		Date	
First/Middle Name	Łast Name		
Inventor's Signature		Date	
First/Middle Name	Last Name		

Rev 8/2014 (Assignment) Page 2 of

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Fort Collins, Colorado 80528	ł

PATENT APPLICATION

RECORD ID: 84457300	
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ASSIGNMENT OF PATENT APPLICATION

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INSERT-MOLD	ED COMPONENTS	
Filing Date:	July 2, 2018	Application No.: 16/067763
divisionals, and	renewals of and substitutes for	h therein, and any and all continuations, continuations-in-part (C-L-P's) said application for said Patent, and any and all other Patent of any or therefore; and any reissues, or reexaminations, or extensions of said
by HPDC, its su Patent respective	iccessors, assigns, nominees or	cations in my/our name for Patent in any country, to be held and enjoyed legal representatives, to the full end of the term or terms for which said extended, as fully and entirely as the same would have been held and er not been made:
executed and w time a request is perfect the title nominees or leg said invention(s papers, to exec rightful paths an legal represents improvement(s)	ill not execute any agreement in our smade, and without undue delay, to said invention(s) or improvement all representatives, and I/we agreed) or improvement(s), said applications all disclaimers and divisional disclarations, and generally to dout the store to obtain and enforce, for integrations and enforce and integrations and enforce and integrations and enforce and integrations are all the same and enforce and and enforce and and enforce and are all the same and and enforce and are all the same and are all the sa	right to convey the entire interest herein assigned, and that I/we have no conflict herewith, and I/we further covenant and agree that I/we will, each execute and deliver all such papers as may be necessary or desirable to t(s), said application and said Patent, to HPDC, its successors, assigns to communicate to HPDC, or to its nominee, all known facts respecting ion and said Patent, to testify in any legal proceedings, to sign all lawfuls, continuations, C-I-P's, reissue and foreign applications, to make a deverything possible to aid HPDC, its successors, assigns, nominees and so their own benefit, proper patent protection for said invention(s) of the expenses which may be incurred by me/us in lending such cooperation.
applications as invention(s) or	aforesaid, to issue to HPDC, as a	official of any country or countries whose duty it is to issue patents of assignee of the entire right, title and interest, any and all Patent for sail sailed and granted on or as a result of the application aforesaid, is
I/we furthe application for F known to them.	r authorize and direct the attorn Patent, now identified by the Recor	eys of record to insert the filing date and application number of said ID and title set forth above, as soon as the same shall have been mad
IN WITNE	SS WHEREOF, I/we hereunto se	t my/our hand(s) and seal(s):
Inventor's Signat	nte	Date
Chi Hao	Chang	
First/Middle Name		March 30, 2016
Huan	- nu	
Inventor's Signat	ute	Date

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PATENT REEL: 046323 FRAME: 0492

RECORDED: 07/11/2018

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Kuan-Ting First/Middle Name

Last Name