# 504421253 06/20/2017

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
CHIH-PIN HSIAO	12/19/2014
GREGORY W. COOK	12/19/2014
JISHANG WEI	12/19/2014
MITHRA VANKIPURAM	12/19/2014

### **RECEIVING PARTY DATA**

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State/Country:	TEXAS
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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15534258

# **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: 90446017

NAME OF SUBMITTER: KORY J. KOTRBA

SIGNATURE: /Kory J. Kotrba/

DATE SIGNED: 06/20/2017

**Total Attachments: 4** 

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PATENT REEL: 042754 FRAME: 0661

HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

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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, ag assigns, the entire right, title entitled:	ree to assign and transfer and interest, including the	and hereby assign a ne right of priority, in,	nd transfer to H	PDC, its successors and an application for Patent
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Filing Date:		Application No		
and the invention(s) and impr divisionals, and renewals of a countries thereto which may b Patent.	and substitutes for said ap	plication for said Pate	ent, and any an	d all other Patent of any
I/we additionally authorize by HPDC, its successors, ass Patent respectively may be gr enjoyed by me/us had this assi	anted, reissued or extende	presentatives, to the fund, as fully and entirely	ill end of the ten	m or terms for which said
AND I/we hereby covenant executed and will not execute 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 disclair rightful oaths and declarations and legal representatives to obtain the provement of the p	ithout undue delay, execute in(s) or improvement(s), sai ves, and I/we agree to coment(s), said application and ners and divisionals, conting and generally to do every stain and enforce, for its or to all countries provided the	erewith, and I/we furth and deliver all such paid application and said municate to HPDC, or said Patent, to testify nuations, C-I-P's, reiss thing possible to aid their own benefit, propri	er covenant and apers as may be Patent, to HPDC to its nominee, in any legal procusue and foreign HPDC, its success patent protects	agree that I/we will, each necessary or desirable to c, its successors, assigns, all known facts respecting sedings, to sign all lawful applications, to make all ssors, assigns, nominees on for said invention(s) or
AND I/we hereby authoriz applications as aforesaid, to is invention(s) or improvement(s accordance with the terms of the	) which may be issued a	of the entire right, title	e and interest, a	ny and all Patent for said
I/we further authorize and application for Patent, now ider known to them.	d direct the attorneys of n tified by the Record ID and	ecord to insert the fill title set forth above, a	ing date and ap s soon as the sa	plication number of said me shall have been made
N WITNESS WHEREOF,	I/we hereunto set my/ou		ec. 19th	2014
inventor's Signature			<u> </u>	*
Chih-Pin	Hsiao			
First/Middle Name	Last Name			
Inventor's Signature		Date		
Gregory William	Cook			44
First/Middle Name	Last Name			
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**PATENT REEL: 042754 FRAME: 0662**  MEWLETT-PACKARD COMPANY Intellectual Property Administrator 2404 E. Hassis Mail Stop 35 Sop Celling Colombo 90878

# PATENT APPLICATION

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	MANAGEMENT AND CONTRACT	14 8 NOV. 1. POPONA 1 1 PO 2 R	
and in furtherance of my/our Limited Parthership having it subsidiaries and affiliates, agre assigns, the antire right, title a entitled:	ch), for good and valuable cons obligations to HEWLETT-PA s principal place of business se to assign and transfer and h and interest, including the righ	CKARD DEVELOPMENT ( in Houston, Texas, (here ereby assign and transfer to	COMPANY, L.P., a Texas inafter HPDC), and to its HPDC, its successors and
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Filing Date:	, and the second second	upplication No.:	
divisionals, and renewals of an	vement(s) set forth therein, and nd substitutes for said application granted thereon or therefore; a	any and all continuations, co on for said Patent, and any	ontinuations-in-part (C-I-P's), and all other Patent of any
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executed and will not execute as 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 disclaims rightful oaths and declarations, and legal representatives to obta	that I/we have full right to convey ny agreement in conflict herewith nout undue delay, execute and do (s) or improvement(s), said appli- es, and I/we agree to communication it(s), said application and said Poets are and deviationals, continuation are and deviationals, continuation are and enforce, for its or their ow countries provided the expen- paid by HPDC;	n, and live further covenant a eliver all such papers as may ication and said Patent, to HP ate to HPDC, or to its nomine atent, to testify in any legal p is, C-I-P's, reissue and foreit possible to aid HPDC, its sur wn benefit, proper patent prote	nd agree that I/we will, each be necessary or desirable to OC, its successors, assigns, e, all known facts respecting roceedings, to sign all lawful gn applications, to make all cossors, assigns, nominees ection for said invention(s) or
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IN WITNESS WHEREOF, I/	we hereunto set my/our hand	i(s) and seal(s):	
inventor's Signature		Cate	
Chih-Pin	.Hslao		
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**PATENT REEL: 042754 FRAME: 0664**  HEVALETT-PACKARD COMPANY Intellectual Property Administrator

#### PATENT APPLICATION

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Mail Stop 35 Fort Collins, Colorado 80528	RE	CORD ID:	14115825
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