504205685 01/31/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4252362

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEPHEN SPENCER	10/01/2016
KEITH J KUEHN	09/30/2016
PAUL NICHOLAS GREFF	09/30/2016

RECEIVING PARTY DATA

Name:	Hewlett Packard Enterprise Development LP		
Street Address:	11445 Compaq Center Drive West		
City:	Houston		
State/Country:	TEXAS		
Postal Code:	77070		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15283240

CORRESPONDENCE DATA

Fax Number:

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: (970) 898-7444

Email: hpe.ip.mail@hpe.com

HEWLETT PACKARD ENTERPRISE **Correspondent Name:** Address Line 1: 3404 E. HARMONY ROAD MS 79 Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	90164314
NAME OF SUBMITTER:	BE HENRY
SIGNATURE:	/Be Henry/
DATE SIGNED:	01/31/2017

Total Attachments: 4

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> **PATENT REEL: 041136 FRAME: 0022** 504205685

PATENT APPLICATION

RECORD ID:	90164314

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 Enterprise Development LP, a Texas Limited Partnership having its

transfer and hereby	siness in Houston, Texas, (hereinafter h assign and transfer to HPED, its succi n, to and under an application for Paten	essors and assigns, the	aries and affiliates, agree to assign and entire right, title and interest, including
DEVICES INCLUDE	ING A CAVITY REGION TO HOUSE	PORTS	
Filling Date:	September 30, 2016	Application No.:	15/283240
divisionals, and ren	ewals of and substitutes for said app	lication for said Patent,	uations, continuations-in-part (C-I-P's), and any and all other Patent of any r reexaminations, or extensions of said
by HPED, its succeively	ssors, assigns, nominees or legal repr	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 the same would have been held and
executed and will no time a request is ma perfect the title to sa nominees or legal re said invention(s) or papers, to execute rightful oaths and de and legal represents improvement(s) in	of execute any agreement in conflict he ide, and without undue delay, execute a aid invention(s) or improvement(s), said spresentatives, and I/we agree to commit improvement(s), said application and s all disclaimens and divisionals, continued eclarations, and generally to do every atives to obtain and enforce, for its or the	rewith, and I/we further and deliver all such paper application and said Paraminicate to HPED, or to aid Patent, to testify in a uations, C-I-P's, reissue hing possible to aid HP eir own benefit, proper paraminicate and the seir own benefit, proper paraminicate and the seir own benefit, proper paraminicate and the seir own benefit, proper paraminicates.	herein assigned, and that I/we have not covenant and agree that I/we will, each as as may be necessary or desirable to tent, to HPED, its successors, assigns, its nominee, all known facts respecting any legal proceedings, to sign all lawful and foreign applications, to make all ED, its successors, assigns, nominees patent protection for said invention(s) or a incurred by me/us in lending such
applications as afore invention(s) or impr	esaid, to issue to HPED, as assignee	of 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
			date and application number of said con as the same shall have been made
in witness wh	EREOF, I/we hereunto set my/our hand(s)	and seal(s):	
			ed s m av
Inventor's Signature	The state of the s	Date	A CON
	•		
Stephen	Spencer	***********	
First/Middle Name	Last Name		
Inventor's Signature		Date	
Keith J	Kuehn		•
First/Middle Name	Last Name		
Rev 06/15	Paç	e 1 of 2	

PATENT APPLICATION

90164314

Fort Collins, Colorado 80528]	RECORD ID: 9016	4314
	ASSIGNMENT OF PA	ATENT APPLICATION (cont.)	
Inventor's Signature		Date	
Paul Nicholas	Greff		
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		

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Rev 06/15

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PATENT	APPI	11 : 2	אכאווא

RECORD ID:	90164314	

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 Enterprise Development LP, a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPED), and to its subsidiaries and affiliates, agree to assign and transfer and hereby assign and transfer to HPED, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Patent entitled:

DEVICES INCLUDING A CAVITY REGION TO HOUSE PORTS 15/283240 Filing Date: September 30, 2016 Application No.: and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Patent, and any and all other Patent of any countries thereto which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said Patent. I/we additionally authorize HPED to file applications in my/our name for Patent in any country, to be held and enjoyed by HPED, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made; AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Patent, to HPED, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPED, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid HPED, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by HPED; 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 HPED, 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. 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 Stephen Spencer First/Middle Name Last Name 09/30/2016 Inventor's Signature Date Keith J Kuehn First/Middle Name Last Name

PATENT REEL: 041136 FRAME: 0025

Page 1 of 2

PATENT APPLICATION

Fort Collins, Colorado 8	30528	RECORD ID:	90164314
	ASSIGNMENT OF PA	TENT APPLICATION (cont	.)
Inventor's Signature		Date	
Paul Nicholas	Greff		
First/Middle Name	Last Name		
	Ca GAV		/30/2016
Inventor's Signature		Date	
First/Middle Name	Last Name		
Inventor's Signature		Date	
First/Middle Name	Last Name		
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Inventor's Signature		Date	
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Inventor's Signature		Date	
First/Middle Name	Last Name		

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