PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEPHEN SPENCER	10/29/2014
KEITH J. KUEHN	10/29/2014
BROOKS VAUGHAN	10/29/2014

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:	29507767		

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: HEWLETT-PACKARD COMPANY Address Line 1: 3404 E. HARMONY ROAD MS 35

Address Line 2: INTELLECTUAL PROPERTY ADMINISTRATION

Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	84096695
NAME OF SUBMITTER: NATHAN E. STACY	
SIGNATURE: /Nathan E. Stacy, Reg. No. 52,249/	
DATE SIGNED:	10/30/2014

Total Attachments: 2

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PATENT 503042245 REEL: 034074 FRAME: 0978

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

Inventor's Signature

First/Middle Name

Rev 3/2014 (Assignment)

Keith J.

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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 entitled:

assigns, the entire rigi entitled:	nt, title and interest, includir	ng the right of priority, in, to and under an app	lication for Patent
CARRIER			
Filing Date:		Application No.:	
divisionals, and renewa	als of and substitutes for sai	nerein, and any and all continuations, continuation d application for said Patent, and any and all o herefore; and any reissues, or reexaminations, or	ther Patent of any
by HPDC, its successor Patent respectively ma	rs, assigns, nominees or lega	ons in my/our name for Patent in any country, to be at representatives, to the full end of the term or to ended, as fully and entirely as the same would ho ot been made;	rms for which said
executed and will not e time a request is made, perfect the title to said nominees or legal repre- said invention(s) or imp papers, to execute all rightful oaths and deck and legal representative	xecute any agreement in cont and without undue delay, ex- invention(s) or improvement(s esentatives, and I/we agree to provement(s), said application disclaimers and divisionals, erations, and generally to do es to obtain and enforce, for it and all countries provided	nt to convey the entire interest herein assigned, and like therewith, and t/we further covenant and agree ocute and deliver all such papers as may be neces), said application and said Patent, to HPDC, its significant communicate to HPDC, or to its nominee, all known and said Patent, to testify in any legal proceeding continuations, C-I-P's, reissue and foreign applications of the expenses which may be incurred by me/u.	that I/we will, each sary or desirable to uccessors, assigns wn facts respecting is, to sign all lawfu ations, to make al assigns, nominees said invention(s) or
applications as aforesa	id, to issue to HPDC, as assi ement(s) which may be issu	icial of any country or countries whose duty it is to gnee of the entire right, title and interest, any and ed and granted on or as a result of the applic	fall Patent for said
I/we further autho application for Patent, r known to them.	rize and direct the attorneys low identified by the Record II	of record to insert the filing date and application of the set forth above, as soon as the same should be set forth above.	on number of said all have been made
IN WITNESS WHI	EREOF, I/we hereunto set m	•	
Inventor's Signature	7	Date /Z s/Z s	<u> </u>
Stephen	Spencer		
First/Middle Name	Last Name		

Page 1 of 2

Kuehn

Last Name

HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35

PATENT APPLICATION

3404 E. Harmeny Road Mail Stop 35	RECOR	RD ID: 84096695
Fort Collins, Colorado 80528		
	ASSIGNMENT OF PATENT APPLICA	ATION (cont.)
	ufl	10/29/2014
Inventor's Signature	1	Date .
Brooks	Vaughan	
First/Middle Name	Last Name	
Inventor's Signature	- I	Date
First/Middle Name	Last Name	
Inventor's Signature		Date
First/Middle Name	Last Name	
Inventor's Signature	•	Døte
First/Middle Name	Last Name	,
inventor's Signature		Date
First/Middle Name	Last Name	
Inventor's Signature		Date
First/Middle Name	Last Name	

Rev 8/2014 (Assignment)

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PATENT REEL: 034074 FRAME: 0980