503843195 05/25/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT3889843

CONVEYING PARTY DATA

Name	Execution Date
ADAM L. GHOZEIL	09/30/2014
DAVID MAXFIELD	09/30/2014
PETER JAMES FRICKE	12/02/2013

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:	15039374	

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)715-8443

Email: pto.assignments@hp.com

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: 84487400

NAME OF SUBMITTER: STEVEN L. NICHOLS

SIGNATURE: /Steven L. Nichols/

DATE SIGNED: 05/25/2016

Total Attachments: 2

source=84487400-A#page1.tif source=84487400-A#page2.tif

PATENT 503843195 REEL: 038720 FRAME: 0950

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

PATENT APPLICATIO	N
-------------------	---

RECORD ID:	83602923	
------------	----------	--

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.

entitled:	title and interest, includin		ty, in, to and under an application fol	r Patent
Filing Date: 27 Nov 201	3	Applicatio	on No.: PCT/US2013/072274	
divisionals, and renewals	of and substitutes for said	I application for said	all continuations, continuations-in-part of Patent, and any and all other Paten issues, or reexaminations, or extension	it of any
by HPDC, its successors, Patent respectively may be	assigns, nominees or lega	l representatives, to inded, as fully and e	for Patent in any country, to be held and the full end of the term or terms for wi entirely as the same would have been	hich saic
executed and will not exe- time a request is made, ar perfect the title to said inv nominees or legal represe said invention(s) or impro- papers, to execute all dir nghitul oaths and declara and legal representatives	cute any agreement in confi nd without undue delay, exe ention(s) or improvement(s) intatives, and I/we agree to vement(s), said application sclaimers and divisionals, of tions, and generally to do e to obtain and enforce, for its and all countries provided	ict herewith, and I/we cute and deliver all s , said application and communicate to HPI and said Patent, to t continuations, C-I-P's everything possible if i or their own benefit	e interest herein assigned, and that I/we we further covenant and agree that I/we would be papers as may be necessary or dead said Patent, to HPDC, its successors, DC, or to its nominee, all known facts retestify in any legal proceedings, to sign s, reissue and foreign applications, to or aid HPDC, its successors, assigns, in the proper patent protection for said invention may be incurred by me/us in tending	will, each sirable to assigns especting all lawfu make al iominees tion(s) o
applications as aforesaid.	to issue to HPDC, as assignited entition to the total to the term of the total to the term of the term	gnee of the entire rig	or countries whose duty it is to issue paght, title and interest, any and all Patent or as a result of the application afor	t for said
			the filing date and application number love, as soon as the same shall have be	
IN WITNESS WHERE	EOF, I/we hereunto set my	//our hand(s) and s	eal(s):	
-			9/20/2014	
Inventor's Signature	-4.// //	 .	Date	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Adam L	Ghozeil			
First/Middle Name	iast Name	2	9/30/2014	
Inventor's Signature			Date* (
David	Maxfield			
First/Middle Name Rev 8/2014 (Assignment)	Last Name	Page 1 of 2		
The second of the second Region access.		LINE COLUMN		

PATENT REEL: 038720 FRAME: 0951 HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35

PATENT APPLICATION

Mail Stop 35 Fort Collins, Colorado 80528		RECORD ID:	83602923
	SSIGNMENT OF PAT	ENT APPLICATION (co	ont.)
Potential Line Inventor's Signature	· Firla	/2/2 Date	/13
Peter James Fricke Inventor's Typed Name		······································	
Inventor's Signature		Date	
Inventor's Typed Name			
Inventor's Signature	·····	Date	
Inventor's Typed Name		, 	
Inventor's Signature		Date	
Inventor's Typed Name			
Inventor's Signature			
Inventor's Typed Name		······································	
Inventor's Signature		Date	ar. area area area area area area area a
Inventor's Typed Name		N	

Page 2 of 2

Rev 1/ 2013 (Assignment)