## 503625823 12/28/2015

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3672455

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JOHN P FRANZ	06/26/2013
MICHAEL L SABOTTA	06/27/2013
DAVID A MOORE	06/21/2013
TAHIR CADER	06/27/2013
ALAN B DOERR	06/20/2013

#### **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:	14901346

# **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@hp.com

Correspondent Name: HEWLETT-PACKARD COMPANY
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Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER: 90127519

NAME OF SUBMITTER: BE HENRY

SIGNATURE: /Be Henry/
DATE SIGNED: 12/28/2015

**Total Attachments: 5** 

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PATENT REEL: 037365 FRAME: 0446 HEWLETT-PACKARO COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

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RECORD ID:	8320041 <b>3</b>
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## ASSIGNMENT OF PATENT APPLICATION

IAVe, the undersigned (each) have agreed and hereby agree, that for good and valuable consideration, the receipt of which is hereby acknowledged, and in furtherance of my/our obligations to HEWLETT-PACKARD

Texas, (hereinafter HPDC), and to its subsidiaries and aff	tnership having its principal place of business in Houston, fliates, to assign and transfer to HPDC, its successors and right of priority, in, to and under an application for Patent
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divisionals, and renewals of and substitutes for said appli	and any and all continuations, continuations-in-part (C-I-P's), cation for said Patent, and any and all other Patent of any e; and any reissues, or reexaminations, or extensions of said
by HPOC, its successors, assigns, nominees or legal repre	ny/our name for Patent in any country, to be held and enjoyed sentatives, to the full end of the tenn or terms for which said as fully and entirely as the same would have been held and made;
executed and will not execute any agreement in conflict her- time a request is made, and without undue delay, execute all perfect the title to said invention(s) or improvement(s), said a nominees or legal representatives, and I/we agree to commi- said invention(s) or improvement(s), said application and sa papers, to execute all disclaimers and divisionals, continu- rightful oaths and declarations, and generally to do everyth and legal representatives to obtain and enforce, for its or the	rivey the entire interest herein assigned, and that I/we have not swith, and I/we further covenant and agree that I/we will, each and deliver all such papers as may be necessary or desirable to application and said Patent, to HPDC, its successors, assigns, unicate to HPDC, or to its nominee, all known facts respecting id Patent, to testify in any legal proceedings, to sign all lawful ations, C-I-P's, reissue and foreign applications, to make all sing possible to aid HPDC, its successors, assigns, nominees air own benefit, proper patent protection for said invention(s) or openses which may be incurred by me/us in tending such
applications as atoresaid, to issue to HPDC, as assignee o	any country or countries whose duty it is to issue patents on if the entire right, title and interest, any and all Patent for said I granted on or as a result of the application aforesaid, in
	ord to insert the filing date and application number of said tile set forth above, as soon as the same shall have been made
IN WITNESS WHEREOF, I/we hereunto set ///our h	nand(s) and seal(s):
Inventor's Signatur	Date
John P Franz	
Inventor's Typed Name	
Inventor's Signature	Date
Michael L Sabotta	
Inventor's Typed Name	

Page 1 of 2

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

PATENT	APP	LICAT	TION

RECORD ID:	83200413	
1997 177 177 1870 1874 1874		

## **ASSIGNMENT OF PATENT APPLICATION**

I/We, the undersigned (each) have agreed and hereby agree, that 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, to a assigns, the entire right, title and interest, including the right of pricentified:	ssign and transfer to HPDC, its successors and
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and the invention(s) and improvement(s) set forth therein, and any an divisionals, and renewals of and substitutes for said application for s countries thereto which may be granted thereon or therefore; and any a Patent.	aid Patent, and any and all other Patent of any
I/we additionally authorize HPDC to file applications in my/our name by HPDC, its successors, assigns, nominees or legal representatives, the Patent respectively may be granted, reissued or extended, as fully and enjoyed by me/us had this assignment, and transfer not been made;	to the full end of the term or terms for which said
AND t/we hereby covenant that t/we have full right to convey the ent executed and will not execute any agreement in conflict herewith, and t/ time a request is made, and without undue delay, execute and deliver all perfect the title to said invention(s) or improvement(s), said application a nominees or legal representatives, and t/we agree to communicate to H said invention(s) or improvement(s), said application and said Patent, to papers, to execute all disclaimers and divisionals, continuations, C-I-frightful oaths and declarations, and generally to do everything possible and legal representatives to obtain and enforce, for its or their own bene improvement(s) in any and all countries provided the expenses wh cooperation and assistance are paid by HPDC;	we further covenant and agree that I/we will, each I such papers as may be necessary or desirable to ind said Patent, to HPDC, its successors, assigns, PDC, or to its nominee, all known facts respecting testify in any legal proceedings, to sign all lawful s, reissue and foreign applications, to make all to aid HPDC, its successors, assigns, nominees iff, proper patent protection for said invention(s) or
AND I/we hereby authorize and request the official of any country applications as aforesaid, to issue to HPDC, as assignee of the entire invention(s) or improvement(s) which may be issued and granted or accordance with the terms of this assignment.	right, title and interest, any and all Patent for said
I/we further authorize and direct the attorneys of record to inset application for Patent, now identified by the Record ID and title set forth a known to them.	nt the filing date and application number of said above, as soon as the same shall have been made
IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and	l seal(s):
Inventor's Signature	Date
John P Franz	<del></del>
Inventor's Typed Name Michael Lotto	6-27-2013
nventor's Signature	Dale
Michael I Sahotta	

Inventor's Typed Name

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Page 1 of 2

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# PATENT APPLICATION

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Inventor's Signature		Date	š
David A Moore			
Inventor's Typed Name			
Inventor's Signature		Date	
Yinkin Ondon			
Tahir Cader Inventor's Typed Name			
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Alan 8 Doen Inventor's Typed Name			
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Inventor's Typed Name			

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## PATENT APPLICATION

RECORD ID:

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# ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature	Date
Devid A Moore	
Inventor's Typed Name	
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Jahir Cader	6/27/13
Inventor's Signature	Date / /
Tahir Cader Inventor's Typed Name	
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Instantiva Cinnatus	Posts
Inventor's Signature	Date
Alan 8 Doerr	
Inventor's Typed Name	
Inventor's Signature	Date
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Inventor's Signature	Date
Inventor's Typed Name	

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HEWLETT-PACKARD COMPANY Intellectual Property Administrator

## PATENT APPLICATION

3404 E. Harmony Road Mail Stop 35	RECORD	iD: 83200413	
Fort Collins, Colorado 80528			
ASSIGNME	NT OF PATENT APPLICAT	ION (cont.)	
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David A Moore			
Inventor's Typed Name			
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Tahir Cader Inventor's Typed Name			
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Alan B Doerr Inventor's Typed Name			
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Inventor's Typed Name			

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