502425380 07/18/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Craig M Belusar	06/03/2013
Phillip K. Wong	06/03/2013
Matthew C. Perricone	05/31/2013

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:	13909759

CORRESPONDENCE DATA

Fax Number: 9707784063

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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

NAME OF SUBMITTER:	Jennifer Torres
Signature:	/Jennifer Torres/
Date:	07/18/2013

Total Attachments: 3 source=Assgn[1]#page1.tif source=Assgn[1]#page2.tif source=Assgn[1]#page3.tif CH \$40.00

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PATENT APPLICATION

04 E, Harmony Road		
ail Stop 35	RECORD ID:	83206773
rt Collins, Colorado 80528		
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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/gur obligations to HFWI FTT-PACKARD.

DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership has Texas, (hereinafter HPDC), and to its subsidiaries and affiliates, to as assigns, the entire right, title and interest, including the right of prio entitled:	ring its principal place of business in Houston, usign and transfer to HPDC, its successors and
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Filing Date: Applicat	ion No.:
and the invention(s) and improvement(s) set forth therein, and any and divisionals, and renewals of and substitutes for said application for secountries thereto which may be granted thereon or therefore; and any repatent.	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, to Patent respectively may be granted, reissued or extended, as fully and enjoyed by me/us had this assignment, and transfer not been made;	o the full end of the term or terms for which said
AND I/we hereby covenant that I/we have full right to convey the enti- executed and will not execute any agreement in conflict herewith, and I/s time a request is made, and without undue delay, execute and deliver all perfect the fittle to said invention(s) or improvement(s), said application a nominees or legal representatives, and I/we agree to communicate to His said invention(s) or improvement(s), said application and said Patent, to papers, to execute all disclaimers and divisionals, continuations, C-I-P rightful oaths and declarations, and generally to do everything possible and legal representatives to obtain and enforce, for its or their own benef- improvement(s) in any and all countries provided the expenses while cooperation and assistance are paid by HPDC;	we further covenant and agree that t/we will, each such papers as may be necessary or desirable to nd 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 fit, proper patent protection for said invention(s) or
AND l/we hereby authorize and request the official of any country applications as aforesaid, to issue to HPDC, as assignee of the entire r invention(s) or improvement(s) which may be issued and granted or accordance with the terms of this assignment.	ight, title and interest, any and all Patent for said
I/we further authorize and direct the attorneys of record to inser application for Patent, now identified by the Record ID and title set forth a known to them.	
IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and	seal(s):
Ann	6/3/13
Unventor's Signature	Date
Craig M Belusar	
Inventor's Typed Name	â
Inventor's Signature	Date
Philip K Weng	
Iguantor's Turied Name	

Rev 1/ 2013 (Assignment) Page 1 of 2

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

PATENT APPLICA	٩ĩ	''ION	l
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RECORD ID:	83206773

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 husiness in Houston.

Texas, (hereinafter HPDC), and to its subsidiaries and af	filiates, to assign and transfer to HPDC, its successors and right of priority, in, to and under an application for Patent
BOOT FROM LOGICAL VOLUME SPANNING PLURAL	ITY OF PCI DEVICES
Filing Date:	Application No.:
divisionals, and renewals of and substitutes for said appli-	and any and all continuations, continuations-in-part (C-I-P's), cation for said Palent, and any and all other Patent of any e; and any reissues, or reexaminations, or extensions of said
 by HPDC, its successors, assigns, nominees or legal repre 	my/our name for Patent in any country, to be held and enjoyed sentatives, to the full end of the term 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 here time a request is made, and without undue delay, execute any perfect the title to said invention(s) or improvement(s), said a nominees or legal representatives, and I/we agree to commissaid invention(s) or improvement(s), said application and sa papers, to execute all disclaimers and divisionals, continuarightful oaths and declarations, and generally to do everyth and legal representatives to obtain and enforce, for its or the improvement(s) in any and all countries provided the excooperation and assistance are paid by HPDC;	nvey the entire interest herein assigned, and that I/we have not swith, and I/we further covenant and agree that I/we will, each not 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 ing possible to aid HPDC, its successors, assigns, nominees it own benefit, proper patent protection for said invention(s) or openses which may be incurred by me/us in lending such
applications as aforesaid, to issue to HPDC, as assignee of	any country or countries whose duty it is to issue patents on fithe entire right, title and interest, any and all Patent for said granted on or as a result of the application aforesaid, in
I/we further authorize and direct the attorneys of recomplication for Patent, now identified by the Record ID and tit known to them.	ord to insert the filing date and application number of said le set forth above, as soon as the same shall have been made
IN WITNESS WHEREOF, I/we hereunto set my/our h	and(s) and seal(s):
Inventor's Signature	Date
Craig M Belusar	
Inventor's Typed Name	
TELLIA DA	6/3/2013
Inventor's Signature	Date
Philip K Wong	
Inventor's Typed Name	

Rev 1/ 2013 (Assignment)

Page 1 of 2

HEWLETT-PACKARD COMPANY

PATENT APPLICATION

Intellectual Property Administrator		
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J. Karaman	5/31/	13
Inventor's Signature	Date	
Matthew C Perricone		
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