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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Matthew D Gaubatz	08/31/2012
Aaron Chan	08/31/2012

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:	13600611

CORRESPONDENCE DATA

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Address Line 2: Intellectual Property Administration

Address Line 4: Fort Collins, COLORADO 80528

NAME OF SUBMITTER: Debbie Syrmis

Total Attachments: 2

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PATENT REEL: 029003 FRAME: 0863 H \$40.00 136

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

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RECORD ID:	83013703

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), in furtherance of my/our obligations to the Hewlett-Packard Company and its subsidiaries and affiliates, and do 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 Letters Patent of the United States

Resized image Compression Based on Frequency Content 8/31/2012 Filing Date: 13/600611 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 Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said Letters Patent. I/we additionally authorize HPDC to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters 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 Letters Patent, to HPDC, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPDC, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters 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 HPDC, 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 HPDC; AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States 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 serial number and filing date of said application now identified by the Record ID and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office. Matthew D. Gaubatz Inventor's Typed Name Inventor's Signature Date Assignment Signed Inventor's Typed Name Date Application Signed

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

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RECORD ID:	83013703

ASSIGNMENT OF PATENT APPLICATION

DEVELOPMENT COMPANY, L.P., a Termonage, (hereinafter HPDC), in further subsidiaries and affiliates, and do hereby title and interest, including the right of prientitled:	xas Limited Partne ance of my/our of assign and transf	ership having its princ obligations to the H er to HPOC, its succe	ewiett-Packard Company and its ssors and assigns, the entire right.	
Resized Image Compression Based on	Frequency Cont	ent		
Filing Date: 8/31/2012		Application No.:	13/600611	
held and enjoyed by HPDC, its successor terms for which said Letters Patent respesame would have been held and enjoyed. AND I/we hereby covenant that we have not executed and will not execut that I/we will, each time a request is made necessary or desirable to perfect the title Patent, to HPDC, its successors, assign HPDC, or to its nominee, all known facts Letters Patent, to testify in any legal procecontinuations, C-I-P's, reissue and foreign do everything possible to aid HPDC, its enforce, for its or their own benefit, propountries provided the expenses which in paid by HPDC; AND I/we hereby authorize and and any official of any country or coun applications as aforesaid, to issue to HP Patent for said invention(s) or improveme be issued and granted on or as a result of	estitutes for said a tries foreign there is of said Letters Properties of said Letters Properties, assigns, nomined the sassigns, nomined the said invention of the attorneys of the attorneys of the attorneys of the attorneys of the said Letters of the said	pplication for said Leti to which may be grar atent. Is in my/our name for i ses or legal represent anted, reissued or ex assignment, and tran- i to convey the entire i in conflict herewith, ar ue delay, execute and (s) or improvement(s) igal representatives, a representatives, a lawful papers, to exel lawful papers, to exel anke all rightful oaths gns, nominees and is or for said invention(s) y me/us in lending su tissioner of Patents an is United States who of the entire right, titl ny and all Letters Pate oresaid, in accordance record to insert the se with above as soon as	ters Patent, and any and all Letters need thereon or therefore; and any Letters Patent in any country, to be atives, to the full end of the term or tended, as fully and entirely as the ster not been made; interest herein assigned, and that I/nd I/we further covenant and agree to deliver all such papers as may be a, said application and said Letters and I/we agree to communicate to ement(s), said application and said cute all disclaimers and divisionals, and declarations, and generally to agai representatives to obtain and a) or improvement(s) in any and all chooperation and assistance are not interest, any and all Letters and interest, any and all Letters and of the United States which may with the terms of this assignment.	
inventor's Signatura		Date Assign	ment Signed	
Matthew D. Geubatz Inventor's Typed Name Date Application Signed				
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Aaron Chan		8/31/2	0/2	
inventor's Typed Name		Date Applic	ation Signed	
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