501832352 02/24/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Robert Y Haitani	01/25/2012
Richard R Dellinger	01/12/2012
Paul Chambers	02/17/2012
Mitchell Allen	01/22/2012
Matthew W Crowley	01/14/2012

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:	11726709

CORRESPONDENCE DATA

 Fax Number:
 (970)778-4063

 Phone:
 (541)715-8443

 Email:
 terri.tuma@hp.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

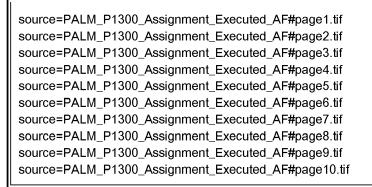
Correspondent Name: Hewlett-Packard Company
Address Line 1: 3404 E. Harmony Road MS 35
Address Line 2: Intellectual Property Administration
Address Line 4: Fort Collins, COLORADO 80528

NAME OF SUBMITTER: Neely Entwistle

Total Attachments: 10

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PATENT REEL: 027762 FRAME: 0382 CH \$40,00 117267



PATENT REEL: 027762 FRAME: 0383

Rev 09/11 (Assignment)

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RECORD ID:	82588649
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ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Taxas Limited Partnership having its principal place of business in Houston, Taxas, (hereinsfler 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 auccessors 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 entitled:

subsidiaries and affiliates, and do hereby assign and transitie and interest, including the right of priority, in, to and sentitled: METHOD AND SYSTEM FOR PROCESSING IMAGES U	sfer to HPDC, its successors and assigns, the entire right, inder an application for Letters Patent of the United States issued Time AND LOCATION FILTERS
Elina Data: May 23 2607	Application No.: 11/726709
and the invention(s) and improvement(s) cet forth therein P's), divisionals, and renewals of and substitutes for said Patent of the United States and of countries foreign the reissues, or reexaminations, or extensions of said Letters I/we additionally authorize HPDC to file applicationally authorize HPDC, it is successors, assigns, norm terms for which said Letters Patent respectively may be same would have been held and enjoyed by me/us had the AND I/we hereby coverant that I/we have full rig we have not executed and will not execute any agreement that I/we will, each time a request is made, and without us necessary or desirable to perfect the little to said inventivelent, to HPDC, its successors, assigns, nominees or HPDC, or to its nominee, all known facts respecting said Letters Patent, to testify in any legal proceedings, to sign continuations, C-I-P's, reissue and foreign applications, indo everything possible to aid HPDC, its successors, as enforce, for its or their own benefit, proper patent protect countries provided the expenses which may be incurred paid by HPDC; AND I/we hereby authorize and request the Content any official of any country or countries foreign to applications as aforesaid, to issue to MPDC, as assigns Patent for said invention(s) or improvement(s), including	and any and all continuations, continuations-in-part (C-I- application for said Letters Patent, and any and all Letters reto which may be granted thereon or therefore; and any Patent, one in my/our name for Letters Patent in any country, to be inees or legal representatives, to the full end of the term or granted, reissued or extended, as fully and entirely as the is assignment, and transfer not been made; int to convey the entire interest herein assigned, and that i/ at in conflict herewith, and i/we further covenant and agree induction(s) or improvement(s), said application and eaid Letters legal representatives, and i/we agree to communicate to invention(s) or improvement(s), said application and said all lawful papers, to execute all disclaimers and divisionals, o make all rightful oaths and declarations, and generally to usigns, nominees and legal representatives to obtain and ation for said invention(s) or improvement(s) in any and all by melius in lending such cooperation and assistance are missioner of Patents and Trademarks of the United States the United States whose duty it is to issue patents on the United States whose duty it is to issue patents on the United States whose duty it is to issue patents on
I/we further authorize and direct the attorneys application now identified by the Record ID and title set	aforesaid, in accordance with the terms of this assignment, of record to insert the serial number and filing date of said forth above as soon as the same shall have been made
known to them by the United States Patent and Trademai	rk Omce.
<u> </u>	Date Assignment Signed
Inventor's Signature	Date Assignment Signed
Robert Y. Haitare Inventor's Typed Name	Date Application Signed
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Byentor's Signature	Date Assignment Signed
Richard R. Cellinger Inventor's Typed Name	Date Application Signed

Page 1 of 2

PATENT APPLICATION

RECORD ID:	82588649

ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature	Date Assignment Signed
Paul Chambers	
Inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
Baltata di Allan	
Mitchell Allen Inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
Madhan M. Candan	
Matthew W. Crowley Inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
Inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
Inventor's Typed Name	Date Application Signed
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Inventor's Signature	Date Assignment Signed
Inventor's Typed Name	Date Application Signed

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RECORD ID: 82588649

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 antified:

METHOD AND SYSTEM FOR PROCESSING IMAGES USING TIME AND LOCATION FILTERS

P10 - P-4 - 68 - 40					
Filing Date: Mar 22,	XVV/	Ap	plication No.: 11	/726709	
and the invention(s)	and improvement(s) s	et forth therein, and	any and all conti	nuations, continua	tions-in-pert (C-I-
P's), divisionals, and	renewals of and subst	litutes for said appli	cation for said Let	ters Patent, and a	ny and all Letters
Patent of the United	States and of countri	es foreian thereto v	vhích may be gra	nted thereon or th	erefore; and any
	ations, or extensions o				

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 daths 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 lives 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.

Inventor's Signature		Date Assignment Signed	
Robert Y. Haitani			
Inventor's Typed Name		Date Application Signed	
Par 200	X.	01/12/2012	
Inventor's Signature		Date Assignment Signed	
Richard R. Dellinger			
Inventor's Typed Name		Date Application Signed	
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Page 1 of 2

PATENT APPLICATION

RECORD	ID:	1. jan 1	8258	8649	

ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature		Date Assignment Signed
Paul Chambers		
Inventor's Typed Name		Date Application Signed
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Inventor's Signature		Date Assignment Signed
Mitchell Allen		
Inventor's Typed Name		Date Application Signed
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Matthew W. Crowley		
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RECORD ID:	82588649			

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 entitled:

entitled: METHOD AND SYSTEM FOR PROCESSING IMAGES USING TIME AND LOCATION FILTERS					
Filing Date: Mar 22, 2007	pplication No.: 11/726709				
held and enjoyed by HPDC, its successors, assigns, nominee terms for which said Letters Patent respectively may be gran same would have been held and enjoyed by me/us had this as AND I/we hereby covenant that I/we have full right to we have not executed and will not execute any agreement in that I/we will, each time a request is made, and without undue necessary or desirable to perfect the title to said invention(s) Patent, to HPDC, its successors, assigns, nominees or legal HPDC, or to its nominee, all known facts respecting said inventionations, C-I-P's, reissue and foreign applications, to made everything possible to aid HPDC, its successors, assign enforce, for its or their own benefit, proper patent protection countries provided the expenses which may be incurred by repaid by HPDC; AND I/we hereby authorize and request the Commissionand any official of any country or countries foreign to the applications as aforesaid, to issue to HPDC, as assignee of Patent for said invention(s) or improvement(s), including any be issued and granted on or as a result of the application afore I/we further authorize and direct the attorneys of reapplication now identified by the Record ID and title set fortil known to them by the United States Patent and Trademark Office.	lication for said Letters Patent, and any and all Letters which may be granted thereon or therefore; and any ent. In my/our name for Letters Patent in any country, to be sor legal representatives, to the full end of the term of sted, reissued or extended, as fully and entirely as the signment, and transfer not been made; o convey the entire interest herein assigned, and that laconflict herewith, and I/we further covenant and agree edelay, execute and deliver all such papers as may be of or improvement(s), said application and said Letters all representatives, and I/we agree to communicate to ention(s) or improvement(s), said application and said lawful papers, to execute all disclaimers and divisionals as a lightful oaths and declarations, and generally to so, nominees and legal representatives to obtain and for said invention(s) or improvement(s) in any and all me/us in lending such cooperation and assistance are sioner of Patents and Trademarks of the United States. United States whose duty it is to issue patents on the entire right, title and interest, any and all Letters and all Letters Patent of the United States which may esaid, in accordance with the terms of this assignment, cord to insert the serial number and filing date of said in above as soon as the same shall have been made fice.				
Inventor's Signature	Date Assignment Signed				
Robert Y. Haitani					
Inventor's Typed Name	Date Application Signed				
Inventor's Signature	Date Assignment Signed				
Richard R. Dellinger	Date Application Signed				
Inventor's Typed Name	Date Application Signed				

Page 1 of 2

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

PATENT APPLICATION

3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528	RECORD ID: 82588649
ASSIGNM	RECORD ID: 82588649 ENT OF PATENT APPLICATION (cont.) Feb 17 2012 Date Assignment Signed
Tarel Chairman	Feb 17 2012
Inventor's Signature	Feb 17 2012 Date Assignment Signed
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Paul Chambers Inventor's Typed Name	Date Application Signed
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Inventor's Signature	Date Assignment Signed
Mitchell Allen	
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Matthew W. Crowley Inventor's Typed Name	Date Application Signed
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and the invention(s) and improvement(s) set forth therein, and any P's), divisionals, and renewals of and substitutes for said application Patent of the United States and of countries foreign thereto which reissues, or reexaminations, or extensions of said Letters Patent. I/we additionally authorize HPDC to file applications in my/of held and enjoyed by HPDC, its successors, assigns, nominees or leterms for which said Letters Patent respectively may be granted, resame would have been held and enjoyed by me/us had this assignm. AND I/we hereby covenant that I/we have full right to convive we have not executed and will not execute any agreement in conflict that I/we will, each time a request is made, and without undue delay necessary or desirable to perfect the title to said invention(s) or impatent, to HPDC, its successors, assigns, nominees or legal representation of the title to the title to said invention (s) or impatent, to testify in any legal proceedings, to sign all lawful prontinuations, C-I-P's, reissue and foreign applications, to make all do everything possible to aid HPDC, its successors, assigns, nor enforce, for its or their own benefit, proper patent protection for sa countries provided the expenses which may be incurred by me/us paid by HPDC; AND I/we hereby authorize and request the Commissioner and any official of any country or countries foreign to the United applications as aforesaid, to issue to HPDC, as assignee of the e Patent for said invention(s) or improvement(s), including any and albe issued and granted on or as a result of the application aforesaid, I/we further authorize and direct the attorneys of record to application now identified by the Record ID and title set forth above known to them by the United States Patent and Trademark Office.	and all continuations, continuations-in-part (C-Infor said Letters Patent, and any and all Letters may be granted thereon or therefore; and any our name for Letters Patent in any country, to be gal representatives, to the full end of the term of eissued or extended, as fully and entirely as the nent, and transfer not been made; ey the entire interest herein assigned, and that let herewith, and I/we further covenant and agreed, execute and deliver all such papers as may be approvement(s), said application and said Letters essentatives, and I/we agree to communicate to (s) or improvement(s), said application and said appers, to execute all disclaimers and divisionals rightful oaths and declarations, and generally to minees and legal representatives to obtain and in lending such cooperation and assistance are of Patents and Trademarks of the United States of States whose duty it is to issue patents or notire right, title and interest, any and all Letters II Letters Patent of the United States which may in accordance with the terms of this assignment.				
Inventor's Signature	Date Assignment Signed				
Robert Y. Haitani					
Inventor's Typed Name	Date Application Signed				
Inventor's Signature	Date Assignment Signed				
Richard R. Dellinger					
Inventor's Typed Name	Date Application Signed				

Rev 09/11 (Assignment) Page 1 of 2

Mitch Allen

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RECORD ID:	82588649

ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature	Date Assignment Signed
Paul Chambers	
Inventor's Typed Name	Date Application Signed
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Mitchell Allen Inventor's Typed Name	Date Application Signed
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Page 2 of 2

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Filing Date: Mar 22, 2007	Application No.: 11/726709		
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Patent, to HPDC, its successors, assigns, nomine HPDC, or to its nominee, all known facts respecting Letters Patent, to testify in any legal proceedings, to continuations, C-I-P's, reissue and foreign applicated on everything possible to aid HPDC, its successed enforce, for its or their own benefit, proper patent	ees or legal representatives, and I/we agree to communicate to ng said invention(s) or improvement(s), said application and said to sign all lawful papers, to execute all disclaimers and divisionals, itons, to make all rightful oaths and declarations, and generally to ors, assigns, nominees and legal representatives to obtain and protection for said invention(s) or improvement(s) in any and all curred by me/us in lending such cooperation and assistance are		
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Robert Y. Haitani Inventor's Typed Name	Date Application Signed		
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nventor's Typed Name	Date Application Signed		

Page 1 of 2

Rev 09/11 (Assignment)

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

PATENT APPLICATION

Mail Stop 35 Fort Collins, Colorado 80528	RECORD ID: 82588649
	INT OF PATENT APPLICATION (cont.)
Inventor's Signature	Date Assignment Signed
Paul Chambers	
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