PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Omri SHACHAM	01/13/2011
Doron SHAKED	01/16/2011
Carl STAELIN	01/16/2011
Mani FISCHER	01/16/2011
Tamar KASHTI	01/20/2011

RECEIVING PARTY DATA

Name:	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.		
Street Address:	ress: 11445 Compaq Center Drive West		
City:	Houston		
State/Country:	TEXAS		
Postal Code:	77070		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13007013

CORRESPONDENCE DATA

Fax Number: (970)778-4063

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

Phone: 970-898-4728

Email: JERRY.SHORMA@HP.COM

Correspondent Name: HEWLETT-PACKARD COMPANY

Address Line 1: 3404 E. Harmony Road, Mail Stop 35

Address Line 2: Intellectual Property Administration

Address Line 4: Fort Collins, COLORADO 80528

NAME OF SUBMITTER: Mark S. Cohen

Total Attachments: 7

PATENT REEL: 025723 FRAME: 0725 \$40 00 13007

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> PATENT REEL: 025723 FRAME: 0726

RECORDATION FORM COVER SHEET			
PATENTS ONLY			
Name of conveying party(ies):	2. Name and address of receiving party(ies):		
Omri SHACHAM	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.		
Doron SHAKED	11445 Compaq Center Drive West		
Carl STAELIN	Houston, TX 77070		
Mani FISCHER			
Tamar KASHTI			
Additional name(s) of conveying party(ies) attached? Yes	Additional name(s) and address(es) attached? Yes No		
3. Nature of Conveyance:	_		
	of Name Security Agreement Joint		
Other			
Execution Date(s):January 13, 2011; January 16, 2011; January 14, Application purpose (s) or nated towards (s)	nuary 16, 2011; January 16, 2011; January 20, 2011;		
4. Application number(s) or patent number(s):			
If this document is being filed together with a new applicat	ion, execution date of the application is:		
A. Patent Application No.(s)			
Application No.: 13/007,013 Date Filed	l: January 14, 2011		
Confirmation No.: 5776 B. Patent	No.(s):		
Additional numbers attached? NO			
Name and address of party to whom correspondence	6. Total number of applications and patents involved:1		
concerning document should be mailed:	7. Total Fee (37 CFR 3.41): \$40.00		
Records Manager	Enclosed		
Intellectual Property Administration HEWLETT-PACKARD COMPANY			
3404 E. Harmony Road	X Authorization to be charged to deposit account.		
Mail Stop 35 Fort Collins, Colorado 80528	8. Deposit Account Number: <u>08-2025</u>		
Statement and signature.			
	remotion in two and governot and any attached convince two		
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.			
wark 3. Corien	rk Cohen/ January 28, 2011		
	nature Date		
Total number of pages including coversheet, attachments, and documents:7			
Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:			
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450			
Page 1 of ?			

Rev 05/09 (RecdAsgn)

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

Rev 10/69 (Assignment)

PATENT APPLICATION

ATTORNEY DOCKET NO. 201005136-1

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

A METHOD AND SYSTEM FOR ENHANCING A DIGITAL HALFTONE REPRESENTATION FOR PRINTING Filing Date: January 14, 2011 13/007.013 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 melus 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 attorney docket number 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 Omri SHACHAM Inventor's Typed Name Date Application Signed Inventor's Signature **Date Assignment Signed** Doron SHAKED inventor's Typed Name **Date Application Signed**

Page 1 of 2

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

PATENT APPLICATION

ATTORNEY DOCKET NO. _____201005136-1____

ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature	Date Assignment Signed
Carl STAELIN	
Inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
Mani FISCHER	
Inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
and the state of t	
Tamer KASHTi 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
Inventor's Signature	Date Assignment Signed
Inventor's Typed Name	Date Application Signed

Rev 10/09 (Assignment)

Page 2 of 2

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little and interest, including the right of priority, in, to and ur entitled:	nder an application for Letters Patent of the United States
A METHOD AND SYSTEM FOR ENHANCING A DIGITAL	. HALFTONE REPRESENTATION FOR PRINTING
Filing Date: January 14, 2011	Application No.; 13/007,013
P's), divisionais, and renewals of and substitutes for said a Patent of the United States and of countries foreign then reissues, or reexaminations, or extensions of said Letters Fulwe additionally authorize HPDC to file applicationally authorize and enjoyed by me/us had this AND I/we hereby covenant that I/we have full right we have not executed and will not execute any agreement that I/we will, each time a request is made, and without undecessary or desirable to perfect the title to said inventional Patent, to HPDC, its successors, assigns, nominees or I HPDC, or to its nominee, all known facts respecting said betters Patent, to testify in any legal proceedings, to sign a continuations, C-I-P's, reissue and foreign applications, to do everything possible to aid HPDC, its successors, assenforce, for its or their own benefit, proper patent protect countries provided the expenses which may be incurred to paid by HPDC; AND I/we hereby authorize and request the Command any official of any country or countries foreign to the applications as aforesaid, to issue to HPDC, as assigneed Patent for said invention(s) or improvement(s), including a be issued and granted on or as a result of the application as I/we further authorize and direct the altomeys of application now identified by the attorney docket number been made known to them by the United States Patent and	ins in my/our name for Letters Patent in any country, to be nees or legal representatives, to the full end of the term or granted, reissued or extended, as fully and entirely as the stassignment, and transfer not been made; not to convey the entire interest herein assigned, and that I/I to conflict herewith, and I/we further covenant and agree due delay, execute and deliver all such papers as may be in(s) or improvement(s), said application and said 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, make all rightful oaths and declarations, and generally to signs, nominees and legal representatives to obtain and ion for said invention(s) or improvement(s) in any and all by me/us 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 a of the entire right, title and interest, any and all Letters any and all Letters Patent of the United States which may aforesaid, in accordance with the terms of this assignment, if record to insert the serial number and filing date of said and title set forth above as soon as the same shall have ditrademark Office.
Inventor's Signature	Date Assignment Signed
Omri SHACHAM	
inventor's Typed Name	Date Application Signed
	Tank aou
oventor's Signature	Date Assignment Signed
Deron SHAKED	Jan 12, 2011
oventor's Typed Name	Date Application Signed

Rev 10/09 (Assignment)

Page 1 of 2

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

PATENT APPLICATION

ATTORNEY DOCKET NO. 201005136-1

ASSIGNMENT OF PATENT APPLIC	CATION (cont.)		
	16. January 20 4		
nventor's Signature	Date Assignment Signed		
Carl STAELIN	13 Jan 2011		
nventor's Typed Name	Date Application Signed		
Mani FISCHER Inventor's Typed Name	Date Assignment Signed Date Application Signed		
nventor's Signature	Date Assignment Signed		
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Ray 10/09 (Assignment)

Page 2 of 2

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

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ATTORNEY DOCKET NO. _____ 201005136-1

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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:

A METHOD AND SYSTEM FOR ENHANCING A DIGITAL HALFTONE REPRESENTATION FOR PRINTING Filing Date: January 14, 2011 Application No.: 13/007,013 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 testily 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 paths 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 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 attorney docket number 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 Omri SHACHAM Inventor's Typed Name Date Application Signed inventor's Signature Date Assignment Signed Doron SHAKED Inventor's Typed Name **Date Application Signed**

Rev 10/09 (Assignment)

Page 1 of 2

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

PATENT APPLICATION

ATTORNEY DOCKET NO. ______201005136-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

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Inventor's Signature	Date Assignment Signed
Carl STAELIN	
inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
Mani FISCHER	
inventor's Typed Name	Date Application Signed
inventor's Signature	20-1-11
Inventor's Signature	Date Assignment Signed
Tamar KASHTI	20 . 1. 1/1 Date Application 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 Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
Inventor's Typed Name	Date Application Signed

Rev 10/09 (Assignment)

**RECORDED: 01/31/2011** 

Page 2 of 2

**PATENT REEL: 025723 FRAME: 0733**