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RECORDAT	TION FORM COVER SHEET		
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Name of conveying party(ies):	2. Name and address of receiving party(ies):		
A. Roland M. HOCHMUTH	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.F 20555 SH 249 Houston, TX 77070		
B. Robert P. MARTIN			
C. Andrew David THOMAS			
Iditional name(s) of conveying party(ies) attached? Yes	⊠No Additional name(s) and address(es) attached? ☐Yes ☒No		
Nature of Conveyance:  Assignment Merger Cha	<b>—</b>		
	ange of Name Security Agreement Joint		
Other			
Application number(s) or patent number(s);	C. 10/08/2007		
If this document is being filed together with a new app	Stication, execution date of the application is:		
A. Patent Application No.(s) Application No.: 11/830,930 Date	- N7/04/0007		
,	Filed: 07/31/2007		
Confirmation No.: 3639 B. Pa	itent No.(s):		
dditional numbers attached? NO			
Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1		
Name and address of party to whom correspondence			
Name and address of party to whom correspondence concerning document should be mailed:  Records Manager	7. Total Fee (37 CFR 3.41): \$40.00		
Name and address of party to whom correspondence concerning document should be mailed:  Records Manager intellectual Property Administration			
Name and address of party to whom correspondence concerning document should be mailed:  Records Manager  Intellectual Property Administration  HEWLETT-PACKARD COMPANY  P.O. Box 272400	7. Total Fee (37 CFR 3.41): \$40.00		
Name and address of party to whom correspondence concerning document should be mailed:  Records Manager intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400	7. Total Fee (37 CFR 3.41): \$40.00Enclosed		
Name and address of party to whom correspondence concerning document should be mailed:  Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400 Fort Collins, Colorado 80527-2400 Statement and signature.	7. Total Fee (37 CFR 3.41); \$40,00  Enclosed  X Authorization to be charged to deposit account.		
Name and address of party to whom correspondence concerning document should be mailed:  Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400 Fort Collins, Colorado 80527-2400 Statement and signature.  To the best of my knowledge and belief, the foregoing copy of the original document.	7. Total Fee (37 CFR 3.41):\$40,00 EnclosedX_Authorization to be charged to deposit account.  8. Deposit Account Number: 08-2025  g information is true and correct and any attached copy is a true		
Name and address of party to whom correspondence concerning document should be mailed:  Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400 Fort Collins, Colorado 80527-2400 Statement and signature.  To the best of my knowledge and belief, the foregoing copy of the original document.	7. Total Fee (37 CFR 3.41):\$40,00 EnclosedX_Authorization to be charged to deposit account.  8. Deposit Account Number: 08-2025  g information is true and correct and any attached copy is a true		
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Name and address of party to whom correspondence concerning document should be mailed:  Records Manager intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400 Fort Collins, Colorado 80527-2400 Statement and signature.  To the best of my knowledge and belief, the foregoing copy of the original document.  Jonathan M. Harris  Name of Person Signing	7. Total Fee (37 CFR 3.41): \$40,00 EnclosedX_Authorization to be charged to deposit account.  8. Deposit Account Number: 08-2025  g information is true and correct and any attached copy is a true		

Page 1 of 1

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PATENT REEL: 019971 FRAME: 0768 HEWLETT-PACKARD COMPANY Intellectual Property Administrator P.O. Box 272400 Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. \_\_\_\_\_ 200701593-1

## 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 entitled:

Filing Date:	07/31/2007	Applica	tion No.:	11/830 030
and the invention(s P's), divisionals, an Patent of the Uniter reissues, or reexam I/we additioned and enjoyed beterms for which sais same would have be have not execut that I/we will, each necessary or desire Patent, to HPDC, or to its nor Letters Patent, to the continuations, C-I-P do everything possenforce, for its or the countries provided in paid by HPDC;  AND I/we I and any official of applications as afor Patent for said inverted application now identication in the I/we further application in the I/we in I/we further application in the I/we in I/we further application in I/we in I/we I/we I/we I/we I/we I/we I/we I/we	and improvement(s) set of renewals of and substituted States and of countries inations, or extensions of so onally authorize HPDC to five HPDC, its successors, as determined and enjoyed by mereby covenant that I/we led and will not execute an itime a request is made, and able to perfect the title to sits successors, assigns, no ninee, all known facts respectify in any legal proceedings, reissue and foreign applied to aid HPDC, its successors which may be nereby authorize and requesting any country or countries esaid, to issue to HPDC, intion(s) or improvement(s), and on or as a result of the aid authorize and direct the	forth therein, and any attes for said application foreign thereto which said Letters Patent. The applications in my/o signs, nominees or legity may be granted, relevas had this assignment as a greement in conflict difficult without undue delay, said invention(s) or imprinces or legal represecting said invention(s) as a sign all lawful palications, to make all incessors, assigns, nomitent protection for said incurred by me/us in the Commissioner of foreign to the United as assignee of the entincluding any and all including any and all authorneys of record to the number and title said number and title said number and title said and all polication aforesaid, in attorneys of record to the number and title said.	for said Letters may be granted ur name for Let jal representatives and transfer y the entire integers, and transfer y the entire integers, and deposement(s), and execute and deposement(s), and sentatives, and so or improvement just an incess and legal invention(s) or lending such of Patents and Tattes whose like right, title a lecters Patent incert the serial transfer trans	11/830,930  Itions, continuations-in-part (C-I Patent, and any and all Letters of thereon or therefore; and any ters Patent in any country, to be res, to the full end of the term of ded, as fully and entirely as the root been made; rest herein assigned, and that I liwe further covenant and agree all we further covenant and agree all application and said Letters liwe agree to communicate to ent(s), said application and said all disclaimers and divisionals, dedicarations, and generally to representatives to obtain and improvement(s) in any and all cooperation and assistance are rademarks of the United States duty it is to issue patents on not interest, any and all Letters of the United States which may the therms of this assignment. number and filing date of said s soon as the same shall have
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nventor's Signature (S	eal)	<u> </u>	Date Assignme	nt Signed
Roland M. HOCHMUTI			9,/9/	) (
nventor's Typed Name	:	·	Date Application	Signed
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**PATENT REEL: 019971 FRAME: 0769**  HEWLETT-PACKARD COMPANY Intellectual Property Administrator P.O. Box 272400 Fort Collins, Colorado 80527-2400

## PATENT APPLICATION

ATTORNEY DOCKET NO. 200701593-1

# ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I	/we hereunto set my/our hand(	s) and seal(s):	ريسيد
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Robert P. MARTIN		Aug 9 2	<b>つけ ス</b>
Inventor's Typed Name		Date Application Signed	
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Before me this day of	, personally appeared	Robert P. MARTIN	radeo de acamana di
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Andrew David THOMAS			
Inventor's Typed Name		Date Application Signed	
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Before me this day of	personally appeared	Andrew David THOMAS	who is personally
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**RECORDED: 10/16/2007** 

PATENT APPLICATION

ATTORNEY DOCKET NO. 200701593-1

#### ASSIGNMENT OF PATENT APPLICATION (cont.)

### IN WITNESS WHEREOF, I/we increunto set my/our hand(s) and scal(s):

inventor's Signature (Seal)		Date Assignment Signed	
Robert P. MARTIN			
Inventor's Typed Name	<u> </u>	Date Application Signed	· · · · · · · · · · · · · · · · ·
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Before me thisday of	personally appeared	Robert P. MARTIN	who is personally
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