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TTORNEY DOCKET NO.	200803011-1

ATTORNEY DOCKET NO.

03-30-2009 

**EPARTMENT OF COMMERCE** Patent and Trademark Office

1. Name of conveying party(les):       2. Name and address of receiving party(les):         Ludmila Conveying party(les):       2. Name and address of receiving party(les):         Charles B. Morrey III       11445 Compaq Center Drive West:         Vinay Decialitier       11445 Compaq Center Drive West:         Kimberly Keeton       11445 Compaq Center Drive West:         Mark David Lillibridge       11445 Compaq Center Drive West:         Craig A. Soules       Alstair Veitch         Additional name(s) of conveying party(les) stached? [Ves ENto       3. Nature of Conveyance:         EXecution Date(s):03/09/2009, 03/23/2009, 03/19/2009, 03/19/2009, 03/16/2009, 8. 03/24/2009, respectively.       4. Application number(s):         If this document is being filed together with a new application, execution date of the application is:       A. Patent Application No::         B. Patent No.(s):       B. Patent No.(s):       7. Total Fee (37 CFR 3.41):	REC(		
	1	03554507	
Charles B. Morrey III       HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.         Viray Deolelikar       Hit45 Compact Conversion         Kimberly Keeton       Additional name(s) and address(es) attached?       Yes         Craig A. Soules       Alistair Veitch         Additional name(s) of conveying partylies) attached?       Yes       ENo.         3. Nature of Conveyance:       ENo.       Additional name(s) and address(es) attached?       Yes       ENo.         3. Nature of Conveyance:       ENo.       Additional name(s) and address(es) attached?       Yes       ENo.         4. Application number(s) or patent number(s):       If this document is being filed together with a new application, execution date of the applications is:       A. Patent Application No.: (s)       Application No.: (s)       Application No.: (s)       Application No.: (s)       Additional number of applications and patents involved:       1         Conformation No.:       B. Patent No.(s):       Authorization to be charged to deposit account.       1         Fort Coll			
Charles B. Morrey III       11445 Compact Center Drive West         Vinay Decialikar       Houston, TX 77707         Kimberly Keeton       Mark David Lillibridge         Craig A. Soules       Alditional name(s) of conveying party(es) attached? [Ves [S]No         Additional name(s) of conveying party(es) attached? [Ves [S]No       Additional name(s) and address(es) attached? [Ves [S]No         Additional name(s) of conveying party(es) attached? [Ves [S]No       Additional name(s) and address(es) attached? [Ves [S]No         Additional name(s) of conveying party(es) attached? [Ves [S]No       Additional name(s) and address(es) attached? [Ves [S]No         Nature of Conveyance:       [Merger ]       Change of Name ]       Security Agreement ]       Joint ]         Other       [S]Assignment ]       [Merger ]       Change of Name ]       Sourity Agreement ]       Joint ]         Execution Date(s):03/09/2009, 03/09/2009, 03/19/2009, 03/19/2009, 03/16/2009, 8 03/24/2009, respectively.       4. Application number(s) or patent number(s):       If this document is being filed together with a new application, execution date of the application is:       A. Patent Application No. (s):       7         Application No.:       B. Patent No.(s):       7       7       7         Additional numbers attached? NO       S. Name attached? Source path to whom correspondence concerning document should be mailed:       8. Total number of applications and patents involved: 1       1	Ludmila Cherkasova	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	
Winay Decisitikar         Kimberly Keston         Mark David Lillbindge         Craig A. Soules         Alditional name(a) of conveying party(ies) attached? [_Yas: []Yas: []Ya	Charles B. Morrey III	11445 Compaq Center Drive West	
Mark David Lillipridge         Craig A. Soules         Alditional name(s) of conveying party(ies) attached? [_Yes SNo         Additional name(s) of patent number(s):         If this document is being filed together with a new application, execution date of the application is:         A. Patent Application No.(s)         Application No.         B. Patent No.(s):         Additional numbers attached? NO         S. Name end address of party to whom correspondence concerning document should be mailed:         To the address of party to whom correspondence concerning document should be mailed:         Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 74800         Fort Collins, Colorado 30527-2400         Fort Collins, Colorado 30527-2400         Stagnature       March 25, 2009         Dan C. Hu       Signature         Name of Person Signing       Signature         Total number of pages including cover sheet, attachments	Vinay Deolalikar	Houston, TX 77707	
Craig A. Soules         Alistair Veitch         Additional name(s) of conveying party((es) attached? [Yes E]No         Assignment       [Merger ] Change of Name ] Security Agreement ] Joint         Other       [Other         Execution Date(s):03/09/2009, 03/23/2009, 03/09/2009, 03/19/2009, 03/16/2009, 8.03/24/2009, respectively.         4. Application number(s) or patent number(s):         If this document is being filed together with a new application, execution date of the application is:         A. Patent Application No.:       B. Patent No.(s):         Additional numbers attached? NQ       [S. Total number of applications and patents involved:	Kimberly Keeton		
Allstair Veitch         Additional name(s) of conveying party(ies) attached? [Yes No Additional name(s) and address(es) attached? [Yes No         3. Nature of Conveyance:         Additional name(s) of conveying party(ies) attached? [Yes No         3. Nature of Conveyance:         Assignment [Norger Change of Name Security Agreement ] Joint         Other         Execution Date(s):03/09/2009, 03/09/2009, 03/19/2009, 03/19/2009, 03/16/2009, 8 03/24/2009, respectively.         4. Application number(s) or patent number(s):         If this document is being filed together with a new application, execution date of the application is:         A. Patent Application No.:       B. Patent No.(6):         Application No::       B. Patent No.(6):         Additional numbers attached? NO       6. Total number of applications and patents involved:1	Mark David Lillibridge		
Additional name(s) of conveying party(les) attached? [Yes ENo Additional name(s) and address(es) attached? [Yes ENo         3. Nature of Conveyance:         Execution Date(s):03/09/2009, 03/2009, 03/19/2009, 03/19/2009, 03/16/2009, & 03/24/2009, respectively.         4. Application number(s) or patent number(s):         If this document is being filed together with a new application, execution date of the application is:         A. Patent Application No.(s)         Application No.:         B. Patent No.(s):         Additional numbers attached? NO         5. 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         9. Statement and signature.         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.         Dan C. Hu       March 25, 2009         Date of Person Signing       Signature         To tal number of pages including cover sheet, attachments, and documents:       6         March 25, 2009       Date         Image: Addition of Person Signing       Signature         Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: copy of the original document.         Bord of Person Signing       Signature         Na	Craig A. Soules		
3. Nature of Conveyance:       X Assignment       Merger       Change of Name       Security Agreement       Joint         Other       Other       Other       Joint       Joint         Execution Date(s):03/09/2009, 03/23/2009, 03/19/2009, 03/19/2009, 03/16/2009, & 03/24/2009, respectively.       Application number(s) or patent number(s):         If this document is being filed together with a new application, execution date of the application is:       A. Patent Application No.(s)         Application No.:       12/409.978       Date Filed: March 24, 2009         Confirmation No.:       B. Patent No.(s):         Additional numbers attached? NO       6. Total number of applications and patents involved:1         Total Address of party to whom correspondence concerning document should be mailed:       6. Total number of applications and patents involved:1         Records Manager	Alistair Veitch		
3. Nature of Conveyance:       Image: Change of Name       Security Agreement       Joint         Image: Change of Name       Sold/19/2009, 03/16/2009, 03/16/2009, 80/224/2009, respectively.         4. Application number(s) or patent number(s):       Image: Change of Name       Sold/14/2009         Image: Change of Patent No.(s):       Additional numbers attached? NO       Image: Change of Applications is:         S. Name and address of party to whom correspondence       6. Total number of applications and patents involved:       1         Total number stached? NO       Image: Change       Image: Change: Change: Change: Change of Application       St			
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X Assignment       Merger       Change of Name       Security Agreement       Joint         Other       Other       Joint       Joint         Execution Date(s): 03/09/2009, 03/19/2009, 03/19/2009, 03/16/2009, & 03/24/2009, respectively.       Application number(s) or patent number(s):         If this document is being filed together with a new application, execution date of the application is:       A. Paplication No.(s)         A. Patent Application No.:       12/409.978       Date Filed: March 24, 2009         Confirmation No.:       B. Patent No.(s):         Additional numbers attached? INO       6. Total number of applications and patents involved:	Additional name(s) of conveying party(ies) attached?	o Additional name(s) and address(es) attached?  Yes  No	
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A. Patent Application No.(s) Application No.: 12/409,978 Date Filed: March 24, 2009 Confirmation No.: B. Patent No.(s): Additional numbers attached? NO 5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved:1 Total Fee (37 CFR 3.41):\$40.00 Enclosed MEWLETT-PACKARD COMPANY P.O. Box 272400 Fort Collins, Colorado 80527-2400 9. Statement and signature. 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. Date Date Total number of pages including cover sheet, attachments, and documents:6 Total number of pages 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 1 Barch 21 Barch 21 Barch 24 Barch 25 Barch 24 Barch 24 Barch 24 Barch 24 Barch 24 Barch 24 Barch 24 Barch 24	<ol><li>Application number(s) or patent number(s):</li></ol>		
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Confirmation No.:       B. Patent No.(s):         Additional numbers attached? NQ       6. Total number of applications and patents involved: 1         5. Name and address of party to whom correspondence concerning document should be mailed:       6. Total number of applications and patents involved: 1         7. Total Fee (37 CFR 3.41):\$40.00	A. Patent Application No.(s)		
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Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400 Fort Collins, Colorado 80527-2400      Enclosed         Yestimation is Colorado 80527-2400       X_Authorization to be charged to deposit account.         8. Deposit Account Number: 08-2025         9. Statement and signature.         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.         Dan C. Hu       March 25, 2009 Date         Name of Person Signing       Signature         Total number of pages including coversheet, attachments, and documents:6			
Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400 Fort Collins, Colorado 80527-2400	Pacarde Manager		
P.O. Box 272400       Image: Colorado 80527-2400         Fort Collins, Colorado 80527-2400       8. Deposit Account Number: 08-2025         9. Statement and signature.       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.         Dan C. Hu       March 25, 2009         Name of Person Signing       Signature         Total number of pages including coversheet, attachments, and documents:6         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 1       83/27/2009 DBYRNE         01 FC:8021       46.06 DA	Intellectual Property Administration	Enclosed	
Fort Collins, Colorado 80527-2400       8. Deposit Account Number: 08-2025         9. Statement and signature.       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.         Dan C. Hu       March 25, 2009         Name of Person Signing       Signature         Total number of pages including coversheet, attachments, and documents:6         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 1       83/27/2869 DBYRNE         01 FC:8621       46.66 DA		X Authorization to be charged to deposit account.	
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Copy of the original document.       March 25, 2009         Dan C. Hu       March 25, 2009         Name of Person Signing       Date         Total number of pages including coversheet, attachments, and documents:	To the best of my knowledge and belief, the foregoing info	ormation is true and correct and any attached copy is a true	
Dan C. Hu       Image: Signature       Date         Name of Person Signing       Signature       Date         Total number of pages including coversheet, attachments, and documents:6	copy of the original document.		
Dan C. Hu       Image of Person Signing       Date         Name of Person Signing       Signature       Date         Total number of pages including coversheet, attachments, and documents:6		P.L.	
Name of Person Signing       Signature         Total number of pages including coversheet, attachments, and documents:6			
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 1 <u>03/27/2009 DBYRNE 00000054 082025 1240997</u> 61 FC:8021 46.06 DA	Name of Person Signing	Inature	
Mail Stop Assignment Recordation Services, Director of the Correct, 19, 199         93/27/2009 DBYRNE         90909054         982025         1240997           Page 1 of 1         93/27/2009 DBYRNE         90909054         982025         1240997           01 FC:8021         40.00 DA	Total number of pages including covershe	eet, attachments, and documents: <u>6</u>	
Page 1 of 1 03/27/2009 DBYRNE 00000054 082025 1249777 01 FC:8021 40.00 DA		eet) should be faxed to (571) 273-0140, or mailed to: of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450	
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Rev 11/08 (RecdAsgn)	Rev 11/08 (RecdAsgn)		

HEWLETT-PACKARD COMPANY Intellectual Property Administrator P.O. Box 272400 Fort Collins, Colorado 80527-2400

Rev 10/08 (Assignment)

PATENT APPLICATION

ATTORNEY DOCKET NO. 200803011-1

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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 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:

### IDENTIFYING SIMILAR FILES IN AN ENVIRONMENT HAVING MULTIPLE CLIENT COMPUTERS

Filing Date: March 24, 2009 Application No.: 12/409,978

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 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.

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

L Clas flast	Ð√ Þ	03/05/05	9
Inventor's Signature (Seal)		Date Assignment Signed	<u>.</u> 4
		03/09/0	9/
Inventor's Typed Name		Date Application Signed	1
State of	)		
	) ss.:		
County of	)		
	, personally appeared	LUDMILA CHERKASOVA	who is personally
known or proved to me on the t	pasis of satisfactory evidence to be	e the person who acknowledged the fo	pregoing instrument of
assignment to be his/her free act	and deed.		
		Notary Public	
		My Commission Expires:	

Page 1 of 3

HEWLETT-PACKARD COMPANY Intellectual Property Administrator		PA	
P.O. Box 272400 Fort Collins, Colorado 80527-2400	TA	TORNEY DOCKET NO	200803011-1
		CATION (cont.)	
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IN WITNESS WHEREOF twe hereunto set	my/our hand(s) and s	seal(s):	a
Inventor's Signature (Seal)	L	Date Assignment Signed	<u> </u>
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CHARLES B. MORREY III Inventor's Typed Name		J23/2001	
<i>.</i>			
State of )			
County of	5.2		
Before me thisday of, personally a	ppeared CH	ARLES B. MORREY III	who is personally
known or proved to me on the basis of satisfactory e assignment to be his/her free act and deed.	vidence to be the per	son who acknowledged the	foregoing instrument of
• • • • • • • • • • • • • • • • • • • •		Notary Public	
		My Commission: Expires:	
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Inventor's Signature (Seal)		Date Assignment Signed	CN 67
VINAY DEOLALIKAR Inventor's Typed Name			nch 03
		Date Application Signed	
State of )			
County of	L.:		
Before me this day of , personally a	opeared \	/INAY DEOLALIKAR	who is personally
known or proved to me on the basis of satisfactory e assignment to be his/her free act and deed.	the second se	and the second secon	foregoing instrument of
assignment to be mismer nee act and deed.		Notary Public	<u></u>
		My Commission Expires:	
Ample Riotos		3/19/2009	
inventor's Signature (Seal)		Date Assignment Signed	
		3/19/2009	
Inventor's Typed Name		Date Application Signed	
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Before me this day of, personally a known or proved to me on the basis of satisfactory of	ppeared	KIMBERLY KEETON son who acknowledged the	foregoing instrument of
assignment to be his/her free act and deed.	· · · · · · ·		
		Notary Public My Commission Expires:	
Rev 10/08 (Assignment)	Page 2 of 3		

HEWLETT-PACKARD COMPANY Intellectual Property Administrator P.O. Box 272400 Fort Collins, Colorado 80527-2400 PATENT APPLICATION

ATTORNEY DOCKET NO. 200803011-1

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

IN WITNESS WHERE	IF, liwe hereunto set my/our hand(s	) and seal(s): 3/17/2009
Inventor's Signature (Seal)	7	Date Assignment Signed
MARK DAVID LILLIBRIDGE		3/19/2009
Inventor's Typed Name		Date Application Signed
State of	) ) \$5.:	
County of	)	
Before me thisday of	, personally appeared	MARK DAVID LILLIBRIDGE who is personally
known or proved to me on the t assignment to be his/her free act	basis of satisfactory evidence to be t	he person who acknowledged the foregoing instrument of
		Notary Public My Commission Expires:
CeSz		March Ko. 2009
Inventor's Signature (Seal)		Date Assignment Signed
CRAIG A. SOULES		March 16, 2009
Inventor's Typed Name		Date Application Signed
State of	)	
County of	) 85.:	
Before me this day of	, personally appeared	CRAIG A. SOULES who is personally
	basis of satisfactory evidence to be t	CRAIG A. SOULES who is personally the person who acknowledged the foregoing instrument of
~		Notary Public
		My Commission Expires;
		and the second
Inventor's Signature (Seal)		Date Assignment Signed
ALISTAIR VEITCH		
Inventor's Typed Name		Date Application Signed
State of	)	
	) \$5.2	
County of		ALISTAIR VEITCH who is personally
Before me this day of	, personally appeared	ALISTAIR VEITCH who is personally the person who acknowledged the foregoing instrument of
assignment to be his/her free act	and deed.	•
-		Notary Public My Commission Expires:
Rev 10/08 (Assignment)	Page 3 of 3	
CARA TRIAD (LIDBIN		

ATTORNEY DOCKET NO. 200803011-1

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

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

Inventor's Signature (Seal)		Date Assignment Signed	
MARK DAVID LILLIBRIDGE			
Inventor's Typed Name		Date Application Signed	
State of	)		
	) ss.:		
County of	)		
	, personally appeared	MARK DAVID LILLIBRIDGE	who is personally
	asis of satisfactory evidence to be	the person who acknowledged the for	· · ·
		Notary Public	
		My Commission Expires:	
Inventor's Signature (Seal)	, Maria da Antonio a constructiva de la construcción de la construcción de la construcción de la construcción de	Date Assignment Signed	
CRAIG A. SOULES			
Inventor's Typed Name		Date Application Signed	
State of	)		
	) ss.:		
County of	) 55		
-			who is non-andly
Before me thisday of known or proved to me on the b assignment to be his/her free act a	asis of satisfactory evidence to be	CRAIG A. SOULES the person who acknowledged the for	who is personally regoing instrument o
assignment to be manier the act a		Notary Public	
		My Commission Expires:	
a.c. west	4	24 March	2001
Inventeda Sionatura (Seal)		Date Assignment Signed	
Inventor's Signature (Seal)		23 March	2009
ALISTAIR VEITCH		Date Application Signed	·····
Inventor's Typed Name		Date Application e.g.	
State of	)		
	) ss.:		
County of	.)		utra la norconal
-	, personally appeared	ALISTAIR VEITCH	who is personal
known or proved to me on the	pasis of satisfactory evidence to b	e the person who acknowledged the fo	n - 3- a - 3 - 1
assignment to be his/her free act	and deed.		
		Notary Public My Commission Expires:	
	Page 3 of		
Rev 10/08 (Assignment)	i ago o o	-	

PATENT REEL: 022480 FRAME: 0121

**RECORDED: 03/27/2009**