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1. Name of conveying party(ies):	100-1		dress of receiving party(ies	
			ACKARD DEVELOPMENT	
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Carol Jean Pearson		Houston, TX	77070	
Roberta S. Marton				
Emile Roth				
David Birdsall				
John M. Hausman Kenneth K. Luu				
Kennelli K. Luu				
Additional name(s) of conveying party(ies) a	attached? Yes 💌	lo Additional name(s) and address(es) attached?	Yes 🗙 N
3. Nature of Conveyance:				
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A. Patent Application No.(s) Application No.: 11/830541 Confirmation No.: 3003 Additional numbers attached? <u>NO</u> 5. Name and address of party to whom concerning document should be mail Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400 Fort Collins, Colorado 80527-2400 9. Statement and signature. To the best of my knowledge and be copy of the original document. Steven L. Webb Name of Person Signing Total number of page	B. Patent correspondence ed: in lief, the foregoing inf des including cover sho n Services, Director	d: July 30, 2007 No.(s): 6. Total number 7. Total Fee (37 Enclose X_Authoriz 8. Deposit Acco formation is true and 3 Magnature neet, attachments, a	of applications and patents CFR 3.41):\$40.0 d zation to be charged to dep ount Number: 08-2025 d correct and any attached S/IL/v7 Data and documents: 16 16	s involved oo oosit account copy is a tru e

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PATENT REEL: 019736 FRAME: 0917

PATENT APPLICATION

200603919-1

ATTORNEY DOCKET NO.

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:

SINGLE-OPERATION ON-LINE SCHEMA EVOLUTION

Filing Date:

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 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 WHEI	REOF, I/we hereunto set my/our hand(s	s) and seal(s): 30 July S	2007
Inventor's Signature (Seal)		Date Assignment Signed	
Carol Jean Pearson			0057
Inventor's Typed Name		Date Application Signed	
State of)		
) ss.:		
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Before me this day of	, personally appeared	Carol Jean Pearson	who is personally
known or proved to me on the assignment to be his/her free	he basis of satisfactory evidence to be act and deed.	the person who acknowledged the	toregoing instrument o

Rev 10/06a (Assignment)

Page 1 of 3

Notary Public My Commission Expires:

ATTORNEY DOCKET NO. 200603919-1

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	
David W. Birdsall			
Inventor's Typed Name		Date Application Signed	
State of)		
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Before me this day of	personally appeared	David W. Birdsall	who is personally
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Inventor's Signature (Seal)		Date Assignment Signed	
Roberta S. Marton Inventor's Typed Name		Date Application Signed	
State of)		
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Before me this day of known or proved to me on the bas assignment to be his/her free act an	personally appeared sis of satisfactory evidence to be t d deed.	Roberta S. Marton he person who acknowledged the	who is personally foregoing instrument of
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Inventor's Signature (Seal)		Date Assignment Signed	•
Emile Roth			
Inventor's Typed Name		Date Application Signed	
State of)		
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Before me thisday of	. personally appeared	Emile Roth	who is personally
known or proved to me on the bas assignment to be his/her free act and	is of satisfactory evidence to be th theed.	ne person who acknowledged the	
		Notary Public	
Rev 10/06a (Assignment)	Page 2 of 3	My Commission Expires	

ATTORNEY DOCKET NO. 200603919-1

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	
John M. Hausman			
Inventor's Typed Name		Date Application Signed	
State of)		
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Before me this day of	. personally appeared	John M. Hausman	who is personally
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Inventor's Signature (Seal)		Date Assignment Signed	
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Page 3 of 3

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

ATTORNEY DOCKET NO.

200603919-1

PATENT REEL: 019736 FRAME: 0921

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:

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Filing Date:

Application No.:

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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;

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

Inventor's Signature (Seal)		Date Assignment Signed	
Carol Jean Pearson Inventor's Typed Name		Date Application Signed	
State of)) ss.:		
County of Before me thisday of)	Carol Jean Pearson	who is personally
Before me this day of known or proved to me on the ba assignment to be his/her free act a	isis ur sandidolory or a	the person who acknowledged the Nothing Public My Compussion Explore	

Page 1 of 3

Rev 10/06a (Assignment)

HEWLETT-PACKARD COMPANY		P	ATENT APPLICATION
Intellectual Property Administrator P.O. Box 272400			200602040 4
Fort Collins, Colorado 80527-2400		ATTORNEY DOCKET NO	200603919-1
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David W. Birdsall		Ang 1	2007
Inventor's Typed Name		Date Application Signed	
State of)) ss.:	·	
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		Notary Public	
		My Commission Expire	s:
Inventor's Signature (Seal)		Date Assignment Signed	
Roberta S. Marton			
Inventor's Typed Name		Date Application Signed	<u> </u>
State of County of)) ss.:)		
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		Notary Public My Commission Expire	5
Inventor's Signature (Seal)		Date Assignment Signed	
Emile Roth		Date Application Signed	
Inventor's Typed Name		Ania (Abricana), 2.9,00	
State of)) ss.:		
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Before me thisday of known or proved to me on the basis of s	personally appeared	the person who acknowledged th	e foregoing instrument of
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	Page 2 of 3		
Rev 10/06a (Assignment)	-		

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PATENT REEL: 019736 FRAME: 0922

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

ATTORNEY DOCKET NO. 200603919-1

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	
John M. Hausman			
Inventor's Typed Name		Date Application Signed	
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Kenneth K. Luu			
Inventor's Typed Name		Date Application Signed	
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	Page 3 of 3	My Commission Expire	м.
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Rev 10/06a (Assignment)

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PATENT APPLICATION

ATTORNEY DOCKET NO. 200603919-1

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

Inventor's Signature (Seal)		Date Assignment Signed	
Carol Jean Pearson		Data Application Signed	
Inventor's Typed Name		Date Application Signed	
State of)		
) ss.:		
County of)		
Refere methis day of	. personally appeared	Carol Jean Pearson	who is personally
known or proved to me on the t	pasis of satisfactory evidence to be	the person who acknowledged the	foregoing instrument of
assignment to be his/her free act	and deed.		
		Notary Public My Commission Expire:	

Page 1 of 3

Rev 10/06a (Assignment)

PATENT APPLICATION

ATTORNEY DOCKET NO. 200603919-1

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
David W. Birdsalf		
Inventor's Typed Name		Date Application Signed
State of)	
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Before me this day of	, personally appeared	David W. Birdsall who is persona
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assignment to be his/her free act a	nd deed.	
		Notary Public My Commission Expires:
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Inventor's Signature (Seal)		Date Assignment Signed
Roberta S. Marton Inventor's Typed Name		Date Application Signed
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State of)	
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Before me this day of	, personally appeared	Roberta S. Marton who is persona
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Inventor's Signature (Seal)		Date Assignment Signed
Emile Roth		Date Application Signed
Inventor's Typed Name		
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	Page 2 of 3	
Rev 10/06a (Assignment)		

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PATENT APPLICATION

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Inventor's Signature (Seal)		Date Assignment Signed
John M. Hausman		
Inventor's Typed Name		Date Application Signed
State of)	
County of) ss.:)	
Before me thisday ofknown or proved to me on the bassignment to be his/her free act a		John M. Hausman who is personally ne person who acknowledged the foregoing instrument of
		Notary Public My Commission Expires:
	Man	7/30/2007 Date Assignment Signed 7/30/2007 Date Application Sighed
Inventor's Signature (Seat)		Date Assignment Signed
Kenneth K. Luu		7/20/2007
Inventor's Typed Name	······································	Date Application Sighed
State of)) ss.:	
County of)	
Before me this day of known or proved to me on the b assignment to be his/her free act a		Kenneth K. Luu who is personally he person who acknowledged the foregoing instrument of
		Notary Public
		My Commission Expires:
Inventor's Signature (Seal)		Date Assignment Signed
Inventor's Typed Name		Date Application Signed
State of)) ss.:	
County of)	
Before me thisday of known or proved to me on the b assignment to be his/her free act a	, personally appeared asis of satisfactory evidence to be t and deed.	who is personally the person who acknowledged the foregoing instrument of
paaigrament to be marrier not beet	· · · · ·	Notary Public
	Page 3 of 3	My Commission Expires:
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PATENT APPLICATION

ATTORNEY DOCKET NO. 200603919-1

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. Toxas, (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:

SINGLE-OPERATION ON-LINE SCHEMA EVOLUTION

Filing Date:

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 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):

Inventor's Signature (Seal)		Date Assignment Signed	
Carol Jean Pearson			
Inventor's Typed Name		Date Application Signed	
State of)		
) ss.:		
County of)		
Before me this day of	personally appeared	Carol Jean Pearson	who is personally
known or proved to me on the b assignment to be his/her free act a	asis of satisfactory evidence to be	the person who acknowledged the f	oregoing instrument of
assignment to be tasked was the		Notary Public	
		My Commission Expires:	

Rev 10/06a (Assignment)

Page 1 of 3

ATTORNEY DOCKET NO. 200603919-1

PATENT APPLICATION

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	
David W. Birdsall			
Inventor's Typed Name		Date Application Signed	
State of)		
County of) ss :)		
Before me thisday of	, personally appeared	David W. Birdsall	who is personally
known or proved to me on the ba assignment to be his/her free act a	isis of satisfactory evidence to be the	e person who acknowledged th	e foregoing instrument of
		Notary Public My Commissión Expire	S:
Roberta S. Marton Inventor's Typed Name	Mart	Date Assignment Signed	7
State of))ss.:		
County of)		
	, personally appeared isis of satisfactory evidence to be the the deed.	Roberta S. Marton he person who acknowledged th	who is personally e foregoing instrument of
		Notâry Public My Commission Expire	\$:
Emile Roth		7/30/0	07
Inventor's Signature (Seal)		Date Assignment Signed	,
		7/30/0	77
Emile Roth Inventor's Typed Name		Date Application Signed	
State of)) ss.:		
County of)		who is personally
Before me thisday of	, personally appeared	Emile Roth	e foregoing instrument of
known or proved to me on the ba assignment to be his/her free act a	, personally appeared asis of satisfactory evidence to be t ind deed.		
		Notary Public My Commission Expires:	
Rev 10/06a (Assignment)	Page 2 of 3		

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PATENT APPLICATION

ATTORNEY DOCKET NO. 200603919-1

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
John M. Hausman		
Inventor's Typed Name		Date Application Signed
State of)	
) ss.:	
County of)	
Before me this day of	. personally appeared	John M. Hausman who is personal
		he person who acknowledged the foregoing instrument of
assignment to be his/her free act an	d deed.	
		Notary Public My Commission Expire s :
Inventor's Signature (Seal)		Date Assignment Signed
Kenneth K. Luu Inventor's Typed Name		Date Application Cinesed
inveniors ryped name		Date Application Signed
Chata al		
State of)	
County of) \$\$ (
)	
Before me this day of		Kenneth K. Luu who is personal
assignment to be his/her free act an		he person who acknowledged the foregoing instrument of
		Notary Public
		My Contrission Expires
Inventor's Signature (Seal)		Date Assignment Signed
inventor s'orgnattire (occar)		
Inventor's Typed Name		Date Application Signed
State of)	
) ss.:	
County of)	La in enconcel
Before me thisday of	personally appeared	who is personal
known or proved to me on the bas	as of satisfactory evidence to be t	he person who acknowledged the foregoing instrument of
assignment to be his/her free act an	u aeea.	Notary Public
		My Commission Expires:
	Page 3 of 3	

PATENT REEL: 019736 FRAME: 0929

RECORDED: 08/20/2007

Rev 10/06a (Assignment)