PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Christopher E. Hoover	09/13/2007
Eric A. Anderson	09/13/2007
Charles E. Christian Jr	09/14/2007
Tim Reddin	09/14/2007
Robert J. Souza	09/13/2007
Xiaozhou Li	09/13/2007

RECEIVING PARTY DATA

Name:	Hewlett-Packard Development Company, LP
Street Address:	20555 SH 249
City:	Houston
State/Country:	TEXAS
Postal Code:	77070

PROPERTY NUMBERS Total: 1

	Property Type	Number
P	Application Number:	11855700

CORRESPONDENCE DATA

Fax Number: (216)721-5787

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

Phone: 8322365529

Email: Philip_Lyren@Yahoo.com

Correspondent Name: Philip Lyren

Address Line 1: 2515 Willowby Drive
Address Line 4: Houston, TEXAS 77008

ATTORNEY DOCKET NUMBER:	200703056-1
NAME OF SUBMITTER:	Philip S. Lyren

500354815 PATENT REEL: 019829 FRAME: 0942

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PATENT REEL: 019829 FRAME: 0943 HEWLETT-PACKARD COMPANY Intellectual Property Administrator P.O. Box 272400 Fort Collins, Colorado 80527-2400

Rev 13/08/Assignment)

PATENT APPLICATION

ATTORNEY DOCKET NO. _____200703056-1

ASSIGNMENT OF PATENT APPLICATION

IWe, 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 affiliales, and do hereby assign and transfer to HPDC, its successors and assigns, the entire right.

entitled: Retrieving Data from Multiple Locations in Storage Systems	
Filing Date: Application No.:	
and the invention(s) and improvement(s) sel forth therein, and any and all continuations, continuations-in-part. Pist, divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Leters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; and 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 held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to the full end of the tenterms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as 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 the we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and as that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as man excessary 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 communicat HPDC, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and Letters Patent, to testify in any legal proceedings, to sign affiliarful papers, to execute all disclaimers and division continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generall do everything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obtain enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and countries provided the expenses which may be incurred by me/us in lending such cooperat	any or be made to be and to be made at the said of the made at the said of the made at the said of the sai
IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):	
Inventor's Signature (Seal) Date Assignment Signed	
Christopher Edward Hoover Inventor's Typed Name Date Application Signed	
State of)) ss	
County of	
Before me thisday of, personally appeared Christopher Edward Hoover who is person	пайу
known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrumen assignment to be his/her free act and deed.	it of
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Page 1 of

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

PATENT APPLICATION

ATTORNEY DOCKET NO. _____200703056-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

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

Inventor's Signature (Seal)		Date Assignment Signed	
Eric A. Anderson			
Inventor's Typed Name		Date Application Signed	
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HEWLETT-PACKARD COMPANY Intellectual Property Administrator P.O. Box 272400 Fort Collins, Colorado 80527-2400

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
Eric A. Anderson		
Inventor's Typed Name		Date Application Signed
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(HEWLETT-PACKARD COMPANY) intellectual Property Administrator P.O. Box 272400 Fort Collins, Colorado 80527-2400

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PATENT APPLICATION

ATTORNEY DOCKET NO. ______200703056-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

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PATENT APPLICATION

ATTORNEY DOCKET NO. ______ 200703056-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

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Robert J. Souza		
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Page 3 of

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

RECORDED: 09/14/2007

PATENT APPLICATION

ATTORNEY DOCKET NO. 200703056-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

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

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