

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Christopher E. Hoover</td> <td>09/13/2007</td> </tr> <tr> <td>Eric A. Anderson</td> <td>09/13/2007</td> </tr> <tr> <td>Charles E. Christian Jr</td> <td>09/14/2007</td> </tr> <tr> <td>Tim Reddin</td> <td>09/14/2007</td> </tr> <tr> <td>Robert J. Souza</td> <td>09/13/2007</td> </tr> <tr> <td>Xiaozhou Li</td> <td>09/13/2007</td> </tr> </tbody> </table>		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
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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															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11855700</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11855700										
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Application Number:	11855700														
CORRESPONDENCE DATA															
Fax Number:	(216)721-5787														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
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														

OP \$40.00 11855700

Total Attachments: 6

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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

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:

Retrieving Data from Multiple Locations in Storage Systems

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.

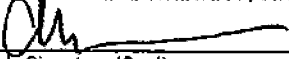
I/we additionally authorize HPDC to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued 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)

9/13/07

 Date Assignment Signed

Christopher Edward Hoover

 Inventor's Typed Name

 Date Application Signed

State of _____)
) ss.
 County of _____)

Before me this _____ day of _____, personally appeared Christopher Edward Hoover who is personally known or proved to me on the basis 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 Expires: _____

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 seal(s):

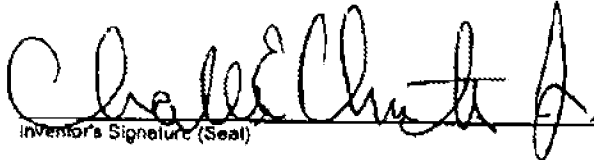
Inventor's Signature (Seal) Date Assignment Signed

Eric A. Anderson
Inventor's Typed Name Date Application Signed

State of _____)
County of _____) ss.:

Before me this _____ day of _____, personally appeared Eric A. Anderson who is personally known or proved to me on the basis 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 Expires


Inventor's Signature (Seal) Date Assignment Signed

Charles E. Christian Jr.
Inventor's Typed Name Date Application Signed 9/14/2007

State of _____)
County of _____) ss.:

Before me this _____ day of _____, personally appeared Charles E. Christian Jr. who is personally known or proved to me on the basis 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 Expires

Inventor's Signature (Seal) Date Assignment Signed

Tim Reddin
Inventor's Typed Name Date Application Signed

State of _____)
County of _____) ss.:

Before me this _____ day of _____, personally appeared Tim Reddin who is personally known or proved to me on the basis 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 Expires

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 P.O. Box 272400
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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):

 Inventor's Signature (Seal) Date Assignment Signed

Eric A. Anderson

 Inventor's Typed Name Date Application Signed

State of)
) ss:
 County of)

Before me this ____ day of _____, personally appeared Eric A. Anderson who is personally known or proved to me on the basis 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 Expires:

 Inventor's Signature (Seal) Date Assignment Signed

Charles E. Christian Jr.

 Inventor's Typed Name Date Application Signed

State of)
) ss:
 County of)

Before me this ____ day of _____, personally appeared Charles E. Christian Jr. who is personally known or proved to me on the basis 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 Expires:



 Inventor's Signature (Seal) Date Assignment Signed SEP-14-2007

Tim Reddin

 Inventor's Typed Name Date Application Signed

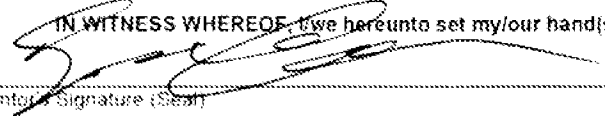
State of)
) ss:
 County of)

Before me this ____ day of _____, personally appeared Tim Reddin who is personally known or proved to me on the basis 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 Expires:

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 12/24/07

Eric A. Anderson

Inventor's Typed Name Date Application Signed

State of _____)
County of _____) ss.
_____)

Before me this ____ day of _____, personally appeared Eric A. Anderson who is personally known or proved to me on the basis 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 Expires

Inventor's Signature (Seal) Date Assignment Signed

Charles E. Christian Jr

Inventor's Typed Name Date Application Signed

State of _____)
County of _____) ss.
_____)

Before me this ____ day of _____, personally appeared Charles E. Christian Jr who is personally known or proved to me on the basis 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 Expires

Inventor's Signature (Seal) Date Assignment Signed

Tim Reddin

Inventor's Typed Name Date Application Signed

State of _____)
County of _____) ss.
_____)

Before me this ____ day of _____, personally appeared Tim Reddin who is personally known or proved to me on the basis 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 Expires

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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):

[Signature] _____ Date Assignment Signed Sept 13 2007

Robert J. Souza
Inventor's Typed Name _____ Date Application Signed _____

State of _____)
County of _____) ss

Before me this _____ day of _____ personally appeared Robert J. Souza who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed

Notary Public

Xiaozhou Li
Inventor's Signature (Seal) _____ Date Assignment Signed _____

Inventor's Typed Name _____ Date Application Signed _____

State of _____)
County of _____) ss

Before me this _____ day of _____ personally appeared _____ who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed

Notary Public

Inventor's Signature (Seal) _____ Date Assignment Signed _____

Inventor's Typed Name _____ Date Application Signed _____

State of _____)
County of _____) ss

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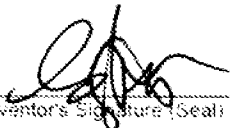
Robert J. Souza

 Inventor's Typed Name Date Application Signed

State of)
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 County of)

Before me this _____ day of _____, personally appeared Robert J. Souza who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

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 Notary Public
 My Commission Expires



 Inventor's Signature (Seal) Date Assignment Signed 9/13/07

Xiaozhou Li

 Inventor's Typed Name Date Application Signed

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