

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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Awny K Al-Omari</td> <td>10/24/2008</td> </tr> <tr> <td>Ramakumar Kosuru</td> <td>10/29/2008</td> </tr> <tr> <td>Renu Varshneya</td> <td>10/29/2008</td> </tr> <tr> <td>Robert L Wall</td> <td>10/29/2008</td> </tr> </tbody> </table>		Name	Execution Date	Awny K Al-Omari	10/24/2008	Ramakumar Kosuru	10/29/2008	Renu Varshneya	10/29/2008	Robert L Wall	10/29/2008
Name	Execution Date										
Awny K Al-Omari	10/24/2008										
Ramakumar Kosuru	10/29/2008										
Renu Varshneya	10/29/2008										
Robert L Wall	10/29/2008										
RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Hewlett-Packard Development Company, L.P.</td> </tr> <tr> <td>Street Address:</td> <td>11445 Compaq Center Drive West</td> </tr> <tr> <td>City:</td> <td>Houston</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>77070</td> </tr> </table>		Name:	Hewlett-Packard Development Company, L.P.	Street Address:	11445 Compaq Center Drive West	City:	Houston	State/Country:	TEXAS	Postal Code:	77070
Name:	Hewlett-Packard Development Company, L.P.										
Street Address:	11445 Compaq Center Drive West										
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>12261058</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12261058						
Property Type	Number										
Application Number:	12261058										
CORRESPONDENCE DATA											
Fax Number: (970)778-4063 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: (970)898-4728 Email: jerry.shorma@hp.com Correspondent Name: Hewlett-Packard Company Address Line 1: 3404 E. Harmony Road MS 35 Address Line 2: Intellectual Property Administration Address Line 4: Fort Collins, COLORADO 80528											
NAME OF SUBMITTER:	Kathy L. Hungsberg										
Total Attachments: 3 source=200800028#page1.tif source=200800028#page2.tif											

CH \$40.00 12261058

501017208

PATENT
REEL: 023528 FRAME: 0114

HEWLETT-PACKARD COMPANY
Intellectual Property Administrator
P.O. Box 272408
Fort Collins, Colorado 80527-2408

PATENT APPLICATION

ATTORNEY DOCKET NO. 200800028-1

ASSIGNMENT OF PATENT APPLICATION

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:

Skew-based Costing for Database Queries

Filing Date: 10-30-2008

Application No.: 12/261058

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (CIPs), 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.

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 we hereby covenant that we have full right to convey the entire interest herein assigned, and that if we have not executed and will not execute any agreement in conflict herewith, and if we further covenant and agree that 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 if 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 declarations and divisionals, continuations, CIPs, 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 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.

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):

Awny K. Al-Qattan
Inventor's Signature (State)

10/24/08
Date Assignment Signed

Awny K. Al-Qattan
Inventor's Typed Name

10/29/08
Date Application Signed

State of _____)
County of _____) ss:

Before me this _____ day of _____, personally appeared Awny K. Al-Qattan 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.

My Commission Expires

Rev 1/2005/AS/omment

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

PATENT APPLICATION

ATTORNEY DOCKET NO. 200800028-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

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

Ramakumar Kesuru
Inventor's Signature (Date)

10/29/2008
Date Assignment Signed

Ramakumar Kesuru
Inventor's Typed Name

10/29/2008
Date Application Signed

State of

}

} ss.

County of

}

Before me this _____ day of _____, personally appeared Ramakumar Kesuru 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

Renu Varshneya
Inventor's Signature (Date)

10/29/2008
Date Assignment Signed

Renu Varshneya
Inventor's Typed Name

10/29/2008
Date Application Signed

State of

}

} ss.

County of

}

Before me this _____ day of _____, personally appeared Renu Varshneya 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

Robert L. Wall
Inventor's Signature (Date)

10-29-2008
Date Assignment Signed

Robert L. Wall
Inventor's Typed Name

10-29-2008
Date Application Signed

State of

}

} ss.

County of

}

Before me this _____ day of _____, personally appeared Robert L. Wall 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. 200800028-1

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

Ramakumar Kosuru

Inventor's Typed Name

Date Application Signed

State of

)
) ss.:

County of

Before me this _____ day of _____, personally appeared Ramakumar Kosuru 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

Renu Varshneya

Inventor's Typed Name

Date Application Signed

State of

)
) ss.:

County of

Before me this _____ day of _____, personally appeared Renu Varshneya 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

Robert L. Wall

Inventor's Typed Name

Date Application Signed

State of

)
) ss.:

County of

Before me this _____ day of _____, personally appeared Robert L. Wall 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:

Rev 10/06 (Assignment)

Page 2 of 2

PATENT

RECORDED: 11/17/2009

REEL: 023528 FRAME: 0118