

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
<b>CONVEYING PARTY DATA</b>															
<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>SUBBARAO KAKARLAMUDI</td> <td>01/31/2011</td> </tr> <tr> <td>ANAN MAHASINTUNAN</td> <td>01/31/2011</td> </tr> <tr> <td>ZBIGNIEW OMANSKI</td> <td>01/31/2011</td> </tr> <tr> <td>PATRICK M. BROWN</td> <td>02/01/2011</td> </tr> <tr> <td>CAPIRALA THARAKNATH</td> <td>02/03/2011</td> </tr> <tr> <td>ARVIND NARAIN</td> <td>01/31/2011</td> </tr> </tbody> </table>		Name	Execution Date	SUBBARAO KAKARLAMUDI	01/31/2011	ANAN MAHASINTUNAN	01/31/2011	ZBIGNIEW OMANSKI	01/31/2011	PATRICK M. BROWN	02/01/2011	CAPIRALA THARAKNATH	02/03/2011	ARVIND NARAIN	01/31/2011
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<b>RECEIVING PARTY DATA</b>															
<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				
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<b>PROPERTY NUMBERS Total: 1</b>															
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<b>CORRESPONDENCE DATA</b>															
<p>Fax Number: (970)778-4063  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>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</p>															
NAME OF SUBMITTER:	GARY J. PITZER														

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**PATENT**  
**REEL: 025746 FRAME: 0511**

**Total Attachments: 7**

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RECORDATION FORM COVER SHEET  
PATENTS ONLY

1. Name of conveying party(ies):

SUBBARAO KAKARLAMUDI  
ANAN MAHASINTUNAN  
ZBIGNIEW OMANSKI  
PATRICK M. BROWN  
CAPIRALA THARAKNATH  
ARVIND NARAIN

2. Name and address of receiving party(ies):

HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.  
11445 Compaq Center Drive West  
Houston, TX 77070Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ NoAdditional name(s) and address(es) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment ☐ Merger ☐ Change of Name ☐ Security Agreement ☐ Joint  
☐ Other

Execution Date(s): 01/31/2011; 01/31/2011; 01/31/2011; 02/01/2011; 02/03/2011; 01/31/2011

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.: 13/021,051

Date Filed: February 4, 2011

Confirmation No.: 3712

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  
3404 E. Harmony Road  
Mail Stop 35  
Fort Collins, Colorado 80528

6. Total number of applications and patents involved: \_\_\_\_\_

7. Total Fee (37 CFR 3.41): ..... \$40.00

\_\_\_\_ Enclosed

...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.*

GARY J. PITZER, Reg. No. 39334

Name of Person Signing

Signature

Date

Total number of pages including coversheet, attachments, and documents: 7Documents 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

HEWLETT-PACKARD COMPANY  
Intellectual Property Administrator  
3404 E. Harmony Road  
Mail Stop 35  
Fort Collins, Colorado 80525

PATENT APPLICATION

ATTORNEY DOCKET NO. 201005015-1

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:

SYSTEMS AND METHODS FOR HOLDING A QUERY

Filing Date: Application No.:

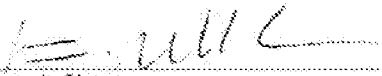
and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which 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.

  
Inventor's Signature

SUBBARAO KAKARLAMUDI  
Inventor's Typed Name

1/31/2011  
Date Assignment Signed

1/31/2011  
Date Application Signed

  
Inventor's Signature

ANAN MAHASINTUNAN  
Inventor's Typed Name

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HEWLETT-PACKARD COMPANY  
Intellectual Property Administrator  
3404 E. Harmony Road  
Mail Stop 35  
Fort Collins, Colorado 80528

PATENT APPLICATION

ATTORNEY DOCKET NO. 201005015-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

  
Inventor's Signature

1/31/2011  
Date Assignment Signed

ZBIGNIEW OMANSKI  
Inventor's Typed Name

1/31/2011  
Date Application Signed

\_\_\_\_\_  
Inventor's Signature

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Date Assignment Signed

PATRICK M. BROWN  
Inventor's Typed Name

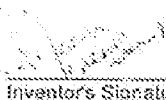
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CAPIRALA THARAKNATH  
Inventor's Typed Name

\_\_\_\_\_  
Date Application Signed

  
Inventor's Signature

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ARVIND NARAIN  
Inventor's Typed Name

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Inventor's Signature\_\_\_\_\_  
Date Assignment Signed

SUBBARAO KAKARLAMUDI

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Inventor's Typed Name\_\_\_\_\_  
Date Application Signed\_\_\_\_\_  
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ANAN MAHASINTUNAN

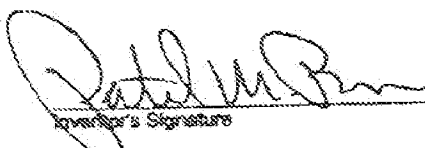
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HEWLETT-PACKARD COMPANY  
Intellectual Property Administrator  
3404 E. Harmony Road  
Mail Stop 35  
Fort Collins, Colorado 80526

## PATENT APPLICATION

ATTORNEY DOCKET NO. 201008015-1

## ASSIGNMENT OF PATENT APPLICATION (cont.)

\_\_\_\_\_  
Inventor's Signature\_\_\_\_\_  
Date Assignment SignedZBIGNIEW OMANSKI  
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Inventor's Typed Name\_\_\_\_\_  
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HEWLETT-PACKARD COMPANY  
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Fort Collins, Colorado 80528

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HEWLETT-PACKARD COMPANY  
Intellectual Property Administrator  
3404 E. Harmony Road  
Mail Stop 35  
Fort Collins, Colorado 80528

PATENT APPLICATION

ATTORNEY DOCKET NO. 201005015-1

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Inventor's Typed Name \_\_\_\_\_ Date Application Signed \_\_\_\_\_

Inventor's Signature \_\_\_\_\_ Date Assignment Signed \_\_\_\_\_

PATRICK M. BROWN  
Inventor's Typed Name \_\_\_\_\_ Date Application Signed \_\_\_\_\_

*C. Tharakan*  
Inventor's Signature \_\_\_\_\_ Date Assignment Signed 02/03/2011

CAPIRALA THARAKNATH  
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