

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Anand ESWARAN</td> <td>04/26/2011</td> </tr> <tr> <td>Vamsi Krishna DEVAKI</td> <td>04/26/2011</td> </tr> <tr> <td>Srinivas GUNTUPALLI</td> <td>03/24/2011</td> </tr> <tr> <td>Vishwas Venkatesh PAI</td> <td>04/27/2011</td> </tr> </tbody> </table>		Name	Execution Date	Anand ESWARAN	04/26/2011	Vamsi Krishna DEVAKI	04/26/2011	Srinivas GUNTUPALLI	03/24/2011	Vishwas Venkatesh PAI	04/27/2011
Name	Execution Date										
Anand ESWARAN	04/26/2011										
Vamsi Krishna DEVAKI	04/26/2011										
Srinivas GUNTUPALLI	03/24/2011										
Vishwas Venkatesh PAI	04/27/2011										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>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"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13095219</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13095219						
Property Type	Number										
Application Number:	13095219										
CORRESPONDENCE DATA											
<p>Fax Number: 9707784063  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (541)715-8443        Email: pto.assignments@hp.com</p> <p>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:	Timothy B. Kang										
Signature:	/Timothy B. Kang/										
Date:	07/23/2013										

PATENT

Total Attachments: 4

source=200904114-1-A#page1.tif

source=200904114-1-A#page2.tif

source=200904114-1-A#page3.tif

source=200904114-1-A#page4.tif

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

PATENT APPLICATION

ATTORNEY DOCKET NO. 200904114-1

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:

PROVIDING CLOUD-BASED COMPUTING SERVICES

Filing Date: April 27, 2011

Application No.: 13/095,219

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.

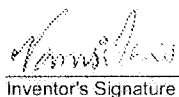
I/we further authorize and direct the attorneys of record to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

  
Inventor's Signature

Anand ESWARAN  
Inventor's Typed Name

26 - APRIL 2011  
Date Assignment Signed

26 - APRIL 2011  
Date Application Signed

  
Inventor's Signature

Vamsi Krishna DEVAKI  
Inventor's Typed Name

26 - APR - 2011  
Date Assignment Signed


26 - APR - 2011  
Date Application Signed

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

PATENT APPLICATION

ATTORNEY DOCKET NO. 200904114-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

<u></u>	<u>MAR 24, 2011</u>
Inventor's Signature	Date Assignment Signed
<u>Srinivas GUNTUPALLI</u>	<u>MAR 24, 2011</u>
Inventor's Typed Name	Date Application Signed
 <u> </u>	 <u> </u>
Inventor's Signature	Date Assignment Signed
<u>Vishwas Venkatesh PAI</u>	 <u> </u>
Inventor's Typed Name	Date Application Signed
 <u> </u>	 <u> </u>
Inventor's Signature	Date Assignment Signed
 <u> </u>	 <u> </u>
Inventor's Typed Name	Date Application Signed
 <u> </u>	 <u> </u>
Inventor's Signature	Date Assignment Signed
 <u> </u>	 <u> </u>
Inventor's Typed Name	Date Application Signed
 <u> </u>	 <u> </u>
Inventor's Signature	Date Assignment Signed
 <u> </u>	 <u> </u>
Inventor's Typed Name	Date Application Signed

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

**PATENT APPLICATION**

**ATTORNEY DOCKET NO.** 200904114-1

**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:

**PROVIDING CLOUD-BASED COMPUTING SERVICES**

**Filing Date:** April 27, 2011

**Application No.:** 13/095,219

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

\_\_\_\_\_  
Date Assignment Signed

Anand ESWARAN  
\_\_\_\_\_  
Inventor's Typed Name

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

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

\_\_\_\_\_  
Date Assignment Signed

Vamsi Krishna DEVAKI  
\_\_\_\_\_  
Inventor's Typed Name

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

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

PATENT APPLICATION

ATTORNEY DOCKET NO. 200904114-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature

Date Assignment Signed

Srinivas GUNTUPALLI  
Inventor's Typed Name

Date Application Signed

*Vishwas*  
Inventor's Signature

APRIL - 27 - 2011

Date Assignment Signed

Vishwas Venkatesh PAI  
Inventor's Typed Name

APRIL - 27 - 2011

Date Application Signed

Inventor's Signature

Date Assignment Signed

Inventor's Typed Name

Date Application Signed

Inventor's Signature

Date Assignment Signed

Inventor's Typed Name

Date Application Signed

Inventor's Signature

Date Assignment Signed

Inventor's Typed Name

Date Application Signed

Inventor's Signature

Date Assignment Signed

Inventor's Typed Name

Date Application Signed