

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Michael P. McGrath</td> <td>05/30/2012</td> </tr> <tr> <td>Matthew Hicks</td> <td>05/30/2012</td> </tr> <tr> <td>Thomas Wiest</td> <td>05/29/2012</td> </tr> <tr> <td>Daniel C. McPherson</td> <td>05/29/2012</td> </tr> </tbody> </table>		Name	Execution Date	Michael P. McGrath	05/30/2012	Matthew Hicks	05/30/2012	Thomas Wiest	05/29/2012	Daniel C. McPherson	05/29/2012
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Michael P. McGrath	05/30/2012										
Matthew Hicks	05/30/2012										
Thomas Wiest	05/29/2012										
Daniel C. McPherson	05/29/2012										
<b>RECEIVING PARTY DATA</b>											
Name:	Red Hat, Inc.										
Street Address:	1801 Varsity Drive										
City:	Raleigh										
State/Country:	NORTH CAROLINA										
Postal Code:	27606										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13483800</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13483800						
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Application Number:	13483800										
<b>CORRESPONDENCE DATA</b>											
Fax Number:	(973)535-3349										
Phone:	9735972500										
Email:	aessick@lowenstein.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	Patent Docket Administrator										
Address Line 1:	65 Livingston Ave										
Address Line 2:	Lowenstein Sandler PC										
Address Line 4:	Roseland, NEW JERSEY 07068										
ATTORNEY DOCKET NUMBER:	05220.1475 (L1415)										
NAME OF SUBMITTER:	Ashley R. Essick										

CH \$40.00 13483800

Total Attachments: 5

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**ASSIGNMENT OF PATENT APPLICATION**

Attorney Docket No.: 05220.1475 (L1415)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, Michael P. McGrath, Matthew Hicks, Thomas Wiest and Daniel C. McPherson,

hereby sell, assign, and transfer to Red Hat, Inc.

a corporation of Delaware.  
(Type of Assignee: e.g., corporation, company, partnership, university, etc.)

having a principal place of business at 1801 Varsity Drive, Raleigh, NC 27606,

("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled

Mechanism for Controlling Capacity in a Multi-Tenant Platform-as-a-Service (PaaS) Environment in a Cloud Computing System

said patent application also identified as follows (when known):

I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.

United States Patent Application Number 13/483,800 filed May 30, 2012,

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

**Each Inventor: Please Sign and Date Below:**

2012-05-30

Date

Michael P. McGrath

Michael P. McGrath

\_\_\_\_\_  
Date

\_\_\_\_\_  
Matthew Hicks

\_\_\_\_\_  
Date

\_\_\_\_\_  
Thomas Wiest

\_\_\_\_\_  
Date

\_\_\_\_\_  
Daniel C. McPherson

Assignment Document Return Address:

Patent Docket Administrator  
Lowenstein Sandler PC  
65 Livingston Avenue  
Roseland, New Jersey 07068

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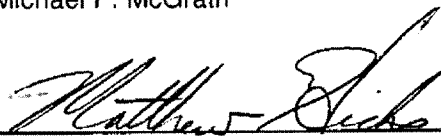
Date

\_\_\_\_\_

Michael P. McGrath

5/30/2012

Date



Matthew Hicks

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Date

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Thomas Wiest

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\_\_\_\_\_  
Date Michael P. McGrath

\_\_\_\_\_  
Date Matthew Hicks

5-29-12  
Date *Thomas Wiest*  
Thomas Wiest

\_\_\_\_\_  
Date Daniel C. McPherson

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