

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2740938

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>FRANCESCO FUSCO</td> <td>02/24/2014</td> </tr> <tr> <td>DANIEL BORKMANN</td> <td>02/24/2014</td> </tr> <tr> <td>THOMAS GRAF</td> <td>02/24/2014</td> </tr> </tbody> </table>		Name	Execution Date	FRANCESCO FUSCO	02/24/2014	DANIEL BORKMANN	02/24/2014	THOMAS GRAF	02/24/2014
Name	Execution Date								
FRANCESCO FUSCO	02/24/2014								
DANIEL BORKMANN	02/24/2014								
THOMAS GRAF	02/24/2014								
RECEIVING PARTY DATA									
Name:	RED HAT, INC.								
Street Address:	100 EAST DAVIE STREET								
City:	RALEIGH								
State/Country:	NORTH CAROLINA								
Postal Code:	27601								
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>14188903</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14188903				
Property Type	Number								
Application Number:	14188903								
CORRESPONDENCE DATA									
Fax Number:	(973)422-2927								
Phone:	(973) 597-2500								
Email:	lkirton@lowenstein.com								
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
Correspondent Name:	LOWENSTEIN SANDLER								
Address Line 1:	PATENT DOCKET ADMINISTRATOR								
Address Line 2:	65 LIVINGSTON AVENUE								
Address Line 4:	ROSELAND, NEW JERSEY 07068								
ATTORNEY DOCKET NUMBER:	05220.1770 (L1770)								
NAME OF SUBMITTER:	ANGUS GILL								
Signature:	/Angus Gill/								

Date:

02/25/2014

Total Attachments: 4

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DECLARATION (37 CFR 1.63) AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of invention	A FRACTAL APPROACH FOR PROBABILISTIC FLOW CACHE MAINTENANCE
This declaration and assignment is directed to:	<input checked="" type="checkbox"/> The attached application, or <input type="checkbox"/> United States application or PCT international application number _____ filed on _____
DECLARATION	
As a below named inventor, I hereby declare that:	
The above-identified application was made or authorized to be made by me.	
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.	
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.	
ASSIGNMENT	
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the undersigned, hereby sell, assign, and transfer to <u>Red Hat, Inc.</u>	
a _____ corporation _____ of <u>Delaware</u>	
(Type of Assignee: e.g., corporation, company, partnership, university, etc.),	
having a principal place of business at <u>100 East Davie Street, Raleigh, North Carolina 27601.</u>	
("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 above identified application 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 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.

LEGAL NAME OF INVENTOR

Inventor: Francesco Fusco Date: 24/02/2014

Signature: Francesco Fusco

LEGAL NAME OF INVENTOR

Inventor: Daniel Borkmann Date: _____

Signature: _____

LEGAL NAME OF INVENTOR

Inventor: Thomas Graf Date: _____

Signature: _____

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 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.

LEGAL NAME OF INVENTOR

Inventor: Francesco Fusco Date: _____

Signature: _____

LEGAL NAME OF INVENTOR

Inventor: Daniel Borkmann Date: 24th Feb. 2014

Signature: *Daniel Borkmann*

LEGAL NAME OF INVENTOR

Inventor: Thomas Graf Date: _____

Signature: _____

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 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

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LEGAL NAME OF INVENTOR

Inventor: Francesco Fucci Date: _____

Signature: _____

LEGAL NAME OF INVENTOR

Inventor: Daniel Berkman Date: _____

Signature: _____

LEGAL NAME OF INVENTOR

Inventor: Thomas Graf Date: Feb 24 2014

Signature: [Handwritten Signature]