

## 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>Mircea Markus</td> <td>05/31/2012</td> </tr> <tr> <td>Manik Surtani</td> <td>05/30/2012</td> </tr> </tbody> </table>		Name	Execution Date	Mircea Markus	05/31/2012	Manik Surtani	05/30/2012
Name	Execution Date						
Mircea Markus	05/31/2012						
Manik Surtani	05/30/2012						
RECEIVING PARTY DATA							
Name:	Red Hat Inc.						
Street Address:	1801 Varsity Drive						
City:	Raleigh						
State/Country:	NORTH CAROLINA						
Postal Code:	27606						
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>13484780</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13484780		
Property Type	Number						
Application Number:	13484780						
CORRESPONDENCE DATA							
Fax Number:	(973)422-2927						
Phone:	(650) 433-5800						
Email:	jarbolante@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:	Lowenstein Sandler PC						
Address Line 2:	65 Livingston Avenue						
Address Line 4:	Roseland, NEW JERSEY 07068						
ATTORNEY DOCKET NUMBER:	05220.1399 (L1349)						
NAME OF SUBMITTER:	Joan O. Arbolante						
Total Attachments: 4 source=05220.1399 (L1349) Executed Assignment#page1.tif source=05220.1399 (L1349) Executed Assignment#page2.tif source=05220.1399 (L1349) Executed Assignment#page3.tif source=05220.1399 (L1349) Executed Assignment#page4.tif							

CH \$40.00 13484780

**ASSIGNMENT OF PATENT APPLICATION**

Attorney Docket No.: 05220.1399 (L1349)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, Mircea Markus, Manik Surtani, 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

INCREMENTAL OPTIMISTIC LOCKING FOR DATA ON MULTIPLE NODES

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 13/484,780 filed May 31, 2012,

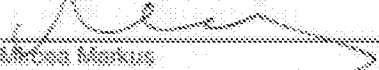
and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute 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:

21 Day 2012  
Date

  
Mirza Markus

\_\_\_\_ 2012  
Date

\_\_\_\_\_  
Mark Surtani

Assignment Document Return Address:  
Patent Docket Administrator  
Lowenstein Sandler PC  
65 Livingston Avenue  
Roseland, New Jersey 07068

**ASSIGNMENT OF PATENT APPLICATION**

Attorney Docket No.: 05220.1399 (L1349)

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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 Date	_____
30 MAY 2012 Date	_____
	Mircea Merkus
	_____
	Monik Surtani

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Patent Docket Administrator  
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Roseland, New Jersey 07068