

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Serial Number (incorrect serial number) previously recorded on Reel 024934 Frame 0217. Assignor(s) hereby confirms the Red Hat, Inc..
CONVEYING PARTY DATA	
Name	Execution Date
Galder Zamarreno	09/02/2010
RECEIVING PARTY DATA	
Name:	Red Hat, Inc.
Street Address:	1801 Varisty Drive
City:	Raleigh
State/Country:	NORTH CAROLINA
Postal Code:	27606
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12874710
CORRESPONDENCE DATA	
Fax Number:	(973)422-2927
Phone:	6504335800
Email:	mbegay@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:	Marina Portnova
Address Line 1:	65 Livingston Aveneu
Address Line 4:	Roseland, NEW JERSEY 04068
ATTORNEY DOCKET NUMBER:	05220.866 (P819)
NAME OF SUBMITTER:	Marina Portnova
Total Attachments: 7 source=5220P819_Recorded_Assignment_Galder#page1.tif source=5220P819_Recorded_Assignment_Galder#page2.tif	

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## **ASSIGNMENT**

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned:

**Galder Zamarreno; Manik Surtani**

hereby sell, assign, and transfer to

**Red Hat, Inc.**

a Corporation of Delaware, having a principal place of business at 1801 Varsity Drive, Raleigh, North Carolina 27606 United States ("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 for the non-provisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled

### **Portable Hash-Based Key Location Mechanism**

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.]

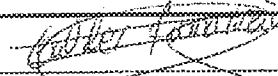
United States Patent Application Number 12/847,710 filed September 02, 2010,

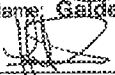
and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute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

2nd Sept 2010   
Date Name: Galdier Zamarreno

31 Aug 2010   
Date Name: Manik Surtani

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Date Name:

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Date Name:

Assignment Document Return Address:  
BLAKELY, SORCLOFF, TAYLOR & ZAFMAN LLP  
1279 Oakmead Parkway  
Sunnyvale, CA 94085-4040  
Telephone: (310) 207-3800

## PATENT ASSIGNMENT

Electronic Version v1.1  
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09/02/2010  
501280842

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Gaider Zamarrano	09/02/2010
RECEIVING PARTY DATA	
Name:	Red Hat, Inc.
Street Address:	1801 Varsity Drive
City:	Raleigh
State/Country:	NORTH CAROLINA
Postal Code:	27608
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12647710
CORRESPONDENCE DATA	
Fax Number:	(408)720-8383
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	408 720-8300
Email:	marilyn_bass@bstz.com
Correspondent Name:	Blakely Sokoloff Taylor & Zafman, LLP
Address Line 1:	1279 Oakmead Parkway
Address Line 2:	Attn: Tong J. Lee
Address Line 4:	Sunnyvale, CALIFORNIA 94085-4040
ATTORNEY DOCKET NUMBER:	5220P819
NAME OF SUBMITTER:	Tong J. Lee
Total Attachments: 2 source=5220P819_Assignment_090210#page1.tif source=5220P819_Assignment_090210#page2.tif	

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### **Portable Hash-Based Key Location Mechanism**

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 12/874,710 filed September 02, 2010.

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 legal 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 legal 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:

2nd Sept 2010

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Name: Galder Zamarrano

31 Aug 2010

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Name: Manik Surtani

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Assignment Document Return Address:  
BLANEY, SCHLOFF, TAYLOR & ZAFMAN LLP  
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