PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

	Name	Execution Date
Thomas Heute		08/14/2009

RECEIVING PARTY DATA

Name:	Red Hat, Inc.	
Street Address:	Raleigh	
City:		
State/Country:	NORTH CAROLINA	
Postal Code:	de: 27606	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12541389

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 5220P587

NAME OF SUBMITTER: Chui-kiu Teresa Wong

Total Attachments: 2

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PATENT REEL: 023101 FRAME: 0652 C - 840 00 1254

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ASSIGNMENT OF PATENT APPLICATION	Attorney Docket No.: 5220P587			
	<u> </u>			
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 <u>corporation</u> (Type of Assignee: e.g., corporation, company, partnership, university, e	of Delaware			
(Type of Assignee: e.g., corporation, company, partnership, university, e	etc.)			
having a principal place of business at 1801 Varsity Drive	e, Raleigh, North Carolina 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				
PORTAL REPLAY AND FORESEE,				
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	filed,			
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 filling 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, relessue 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, assignassignment, grant, mortgage, license, or other agreement a	ns, and legal representatives that no affecting the rights and property herein			

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REEL: 023101 FRAME: 0653

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.

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Each Inventor: Please Sign and Date Below:

August 14,2009

Thomas Heute Printed/Typed Name

Assignment Document Return Address: BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 1279 Oakmead Parkway Sunnyvale, CA 94085-4040 (408) 720-8300

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