504089622 11/10/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4136290

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HUAMIN CHEN	11/08/2016
JAY VYAS	11/08/2016

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

Property Type	Number
Application Number:	15347355

CORRESPONDENCE DATA

Fax Number: (336)607-7500

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 3366077300

Email:rprevette@kilpatricktownsend.comCorrespondent Name:ZACHARY S. KELTON, KILPATRICKAddress Line 1:SUITE 1400, 4208 SIX FORKS ROADAddress Line 4:RALEIGH, NORTH CAROLINA 27609

ATTORNEY DOCKET NUMBER:	038753-1023795
NAME OF SUBMITTER:	RENEE S. PREVETTE
SIGNATURE:	/Renee S. Prevette/
DATE SIGNED:	11/10/2016

Total Attachments: 4

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PATENT 504089622 REEL: 040274 FRAME: 0177

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

Title of Invention	MANAGING SOFTWARE DEPENDENCIES
This Declaration and assignment is directed to:	united States application or PCT international application number
DECLAR	ATION
As a belov	w named inventor, I hereby declare that:
The abov	ve-identified application was made or authorized to be made by me.
I believe	that I am the original inventor or an original inventor of a claimed invention in the application.
	acknowledge that any willful false statement made in this declaration is punishable under 18 01 by fine or imprisonment of not more than five (5) years, or both.
ASSIGNM	MENT
undersign a	and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ed, hereby sell, assign, and transfer to Red Hat, Inc. corporation of Delaware, Assignee: e.g., corporation, company, partnership, university, etc.),
having a p	principal place of business at 100 East Davie Street, Raleigh, North Carolina 27601,
("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, 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,	
improvent Assignee, and purpo applicatio continued applicatio	the that said Assignee may apply for and receive a patent or patents for said inventions or ments in its own name; and that, when requested, without charge to, but at the expense of, said its successors, assigns, and legal representatives, to carry out in good faith the intent use of this Assignment, the undersigned will execute all provisional applications, non-provisional ns, utility applications, design applications, divisional applications, continuation applications, prosecution applications, continuation-in-part applications, substitute applications, renewal ns, reissue applications, reexaminations, extensions, and all other patent applications on any and all other patents; 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: Huamin Chen	11/08/2016 Date:
1AW O	Date.
Signature:	
LEGAL NAME OF INVENTOR	
Inventor: <u>Jay Vyas</u>	
Signature:	
SISIMILITO.	

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

Title of Invention	MANAGING SOFTWARE DEPENDENCIES
This Declarationand assignment is directed to:	united States application or PCT international application number
DECLAR	ATION
As a below	w named inventor, I hereby declare that:
The abov	ve-identified application was made or authorized to be made by me.
I believe	that I am the original inventor or an original inventor of a claimed invention in the application.
	acknowledge that any willful false statement made in this declaration is punishable under 18 01 by fine or imprisonment of not more than five (5) years, or both.
ASSIGNN	MENT
For good a undersign	and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ed, hereby sell, assign, and transfer to Red Hat, Inc. corporation of Delaware, Assignee: e.g., corporation, company, partnership, university, etc.),
	principal place of business at 100 East Davie Street, Raleigh, North Carolina 27601,
United Stathe above provisions application substitute patent approach inventor certificate	e"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the lates and all foreign countries, in and to any and all inventions or improvements that are disclosed in identified application and in and to said application (provisional or non-provisional) and all applications, non-provisional application, utility applications, design applications, divisional ns, continuation applications, continued prosecution applications, continuation-in-part applications, applications, renewal applications, reissue applications, reexaminations, extensions, and all other olications that have been or shall be filed in the United States and all foreign countries on any of any of tions or improvements, and in and to all original patents, reissued patents, reexamination s, and extensions, that have been or shall be issued in the United States and all foreign countries on attions or improvements, and in and to all rights of priority resulting from the filing of said n,
improvem Assignee, and purpo applicatio continued applicatio	that said Assignee may apply for and receive a patent or patents for said inventions or tents in its own name; and that, when requested, without charge to, but at the expense of, said its successors, assigns, and legal representatives, to carry out in good faith the intent se of this Assignment, the undersigned will execute all provisional applications, non-provisional ns, utility applications, design applications, divisional applications, continuation applications, prosecution applications, continuation-in-part applications, substitute applications, renewal ns, reissue applications, reexaminations, extensions, and all other patent applications on any and all tions 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: Huamin Chen Date:
Signature:
LEGAL NAME OF INVENTOR 11/8/2016 Inventor: Jay Vyas Date:
TAYIKAT
Signature:

RECORDED: 11/10/2016