505914830 02/13/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5961547

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RADOSLAV HUSAR	09/06/2018
PAUL MARCUS FERRARO	09/07/2018

RECEIVING PARTY DATA

Name:	RED HAT. INC.
Street Address:	100 E. DAVIE STREET
City:	RALEIGH
State/Country:	NORTH CAROLINA
Postal Code:	27601

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16125445

CORRESPONDENCE DATA

Fax Number: (214)651-5940

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.

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IPDocketing@haynesboone.com, nia.martinez@haynesboone.com Email:

Correspondent Name: HAYNES AND BOONE, LLP

Address Line 1: 2323 VICTORY AVENUE, SUITE 700

Address Line 4: DALLAS, TEXAS 75219

ATTORNEY DOCKET NUMBER:	49145.225US01
NAME OF SUBMITTER:	NIA MARTINEZ
SIGNATURE:	/Nia Martinez/
DATE SIGNED:	02/13/2020

Total Attachments: 4

source=49145.225US01 EXECUTED Assignment#page1.tif source=49145.225US01 EXECUTED Assignment#page2.tif source=49145.225US01 EXECUTED Assignment#page3.tif source=49145.225US01 EXECUTED Assignment#page4.tif

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

Title of Invention	CONSISTENT HASH-BASED LOAD BALANCER
This application	☑ The attached , or declaration
and assignmen is directed	
DECLARAT	TON
As a below	named inventor, I hereby declare that:
The above	identified application was made or authorized to be made by me.
I believe th	at I am the original inventor or an original joint inventor of a claimed invention in the application.
	knowledge that any willful false statement made in this declaration is punishable under 18 If by fine or imprisonment of not more than five (5) years, or both.
ASSIGNM	ENT
	ind valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ed., hereby sell, assign, and transfer to <u>Red Hat, Inc.</u>
ිම	corporation of Delaware
(Type of Assig	her: e.g., corporation, company, partnership university, etc.)
having a p	rincipal place of business at 100 E. Davie Street, Raleigh, NC 27601
the United disclosed in and all produced in divisional application extensions foreign cou	"), and its successors, assigns, and legal representatives, the entire right, title, and interest for States and all foreign countries, in and to any and all inventions or improvements that are in the above identified application and in and to said application (provisional or non-provisional) ovisional applications, non-provisional applications, utility applications, design applications, applications, continuation applications, continued prosecution applications, continuation-in-part is, substitute applications, renewal applications, reissue applications, reexaminations, and all other patent applications that have been or shall be filed in the United States and all untries on any of said inventions or improvements; and in and to all original patents, reissued examination 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

Attorney Docket No. 50833.911/S01 (2018)0000/S)

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 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 paths, 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 Date: September 6,2018 Inventor: Radoslav Husar Signature: LEGAL NAME OF INVENTOR Inventor: Paul Marcus Ferraro

Note. An application data sheet (PTO/SB/14 or squivalent), including naming the entire inventive entity, must accompany this form. Use an additional PTO/SB/AtA01 form for each additional inventor.

Signature:

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

Title of Invention	CONSISTENT HASH-BASED LOA	AD BALANCER		
and assignmer			nal application number	
is directed DECLARA				
As a below	named inventor, I hereby declare that:			
The above	e-identified application was made or auth	orized to be made	oy me.	
I believe th	nat I am the original inventor or an origina	al joint inventor of a	claimed invention in the ap	oplication.
	cknowledge that any willful false stateme Of by fine or imprisonment of not more th			r 18
ASSIGNM	ENT			
_	and valuable consideration, the receipt a ed, hereby sell, assign, and transfer to	nd sufficiency of wh	ich is hereby acknowledge	d, I, the
a	corporation	of	Delaware ,	
(Type of Assig	nee: e.g., corporation, company, partnership, universit	y, etc.)		
having a principal place of business at 100 E. Davie Street, Raleigh, NC 27601,				
the United disclosed in and all produced divisional application extensions foreign contacts.	e"), and its successors, assigns, and legal States and all foreign countries, in an in the above identified application and in ovisional applications, non-provisional applications, continuation applications, cas, substitute applications, renewal s, and all other patent applications that buntries on any of said inventions or impressamination certificates, and extension	d to any and all in and to said applica applications, utility continued prosecution applications, reiss have been or shall be rovements; and in a	ventions or improvements ation (provisional or non-propertion) applications, design applon applications, continuations applications, reexample filed in the United State and to all original patents,	that are ovisional) lications, on-in-part inations, s and all reissued

States and all foreign countries on said inventions or improvements; and in and to all rights of priority

Attorney Docket No. 50833.91US01 (20181000US)

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 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: Radosiav Husar	Date:
Signature:	
LEGAL NAME OF INVENTOR Inventor: PaukMarsus Ferrarg	Date: 2018
Signature and A	* "

Note. An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form, Use an additional PTO/SB/AIA01 form for each additional inventor.

Attorney Docket No. 50833.911/S01 (2018)(8001/S)

RECORDED: 02/13/2020