504810109 03/08/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT4856843

CONVEYING PARTY DATA

Name	Execution Date
BENJAMIN BENNETT	02/07/2018
AARON PATRICK CONOLE	01/02/2018

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:	15892745

CORRESPONDENCE DATA

Fax Number: (214)200-0853

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: 5128678433

Email: paula.cunningham@haynesboone.com

Correspondent Name: HAYNES AND BOONE LLP Address Line 1: 2323 VICTORY AVENUE

Address Line 2: SUITE 700

Address Line 4: DALLAS, TEXAS 75219

ATTORNEY DOCKET NUMBER:	49145.214US01	
NAME OF SUBMITTER:	PAULA S. CUNNINGHAM	
SIGNATURE:	/Paula S. Cunningham/	
DATE SIGNED:	03/08/2018	

Total Attachments: 4

source=20171138US_Ben_Bennett_executed_Declaration_and_Assignment#page1.tif source=20171138US_Ben_Bennett_executed_Declaration_and_Assignment#page2.tif source=20171138US_Aaron_Patrick_Conole_Declaration_and_Assignment#page1.tif source=20171138US_Aaron_Patrick_Conole_Declaration_and_Assignment#page2.tif

PATENT 504810109 REEL: 045143 FRAME: 0127

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

Title of Invention	LAYER 2 ADDRESS CONNECTIVITY UPDATES FOR PACKET ROUTING		
This or declarat	☑The attached application,		
and United States application or PCT international application number assignment filed on is directed to:			
DECLARAT	ΠON		
As a below	named inventor, I hereby declare that:		
The above	ridentified application was made or authorized to be made by me.		
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
ASSIGNM	ENT		
For good a	and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the		
undersigne	ed, hereby sell, assign, and transfer to Red Hat, Inc.		
a	corporation of Delaware ,		
(Type of Assig	nee: e.g., corporation, company, partnership, university, etc.)		
having a p	rincipal place of business at 100 E. Davie Street, Raleigh, NC 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, utility applications, design applications, divisional applications, continuation 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			

application;

PATENT REEL: 045143 FRAME: 0128

certificates, and extensions, that have been or shall be issued in the United States and all foreign countries

said inventions or improvements; and in and to all original patents, reissued patents, reexamination

on said inventions or improvements; and in and to all rights of priority resulting from the filing of said

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: Benjamin Bennett Signature:	Date: 行し、7,2018		
LEGAL NAME OF INVENTOR			
Inventor: Aaron Patrick Conole	Date:		
Signature:	8		

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.

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

Title of Invention	LAYER 2 ADDRESS CONNECTIVITY UPDATES FOR PACKET ROUTING			
This or declarat	☑The attached application, tion			
and United States application or PCT international application number assignment filed on is directed to:				
DECLARA [.]	TION			
As a below named inventor, I hereby declare that:				
The above-identified application was made or authorized to be made by me.				
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I				
hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.				
ASSIGNMENT				
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the				
_	ed, hereby sell, assign, and transfer to Red Hat, Inc.			
	<u>corporation</u> of <u>Delaware</u> ,			
(Type of Assignee: e.g., corporation, company, partnership, university, etc.)				
having a principal place of business at 100 E. Davie Street, Raleigh, NC 27601,				
("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the				

("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, utility applications, design applications, divisional applications, continuation applications, continuation 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;

4836-3570-0313 v.1

PATENT REEL: 045143 FRAME: 0130

agree that said Assignee may apply for and recei improvements in its own name; and that, when request successors, assigns, and legal representatives, to carry Assignment, the undersigned will execute all provisions applications, design applications, divisional applications applications, continuation-in-part applications, substitute applications, reexaminations, extensions, and all other or improvements; execute all rightful oaths, assignment communicate to said Assignee, its successors, assigns undersigned relating to said inventions or improvement said Assignee, its successors, assigns, or representative protection for said inventions or improvements and for and all applications for patents and all patents on said successors, assigns, and legal representatives; and covernant with said Assignee, its successors, assignant, mortgage, license, or other agreement affecting made to others by the undersigned, and that full right to possessed by the undersigned.	ed at the expense of said Assignee, its yout in good faith the intent and purpose of this al applications, non-provisional applications, utility applications, renewal applications, reissue applications, renewal applications, reissue patent applications on any and all said inventions as, powers of attorney, and other papers; and representatives all facts known to the and the history thereof; and generally assist are in securing and maintaining proper patent vesting title to said inventions or improvements, inventions or improvements, in said Assignee, its gns, and legal representatives that no assignment, the rights and property herein conveyed has been
LEGAL NAME OF INVENTOR	
Inventor: Benjamin Bennett	Date:
Signature:	
LEGAL NAME OF INVENTOR	1/~/~ 1/2
inventor: Aaron Patrick_Conole	Date: 1/2/2\UZ

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/AIAO1 form for each additional inventor.

Signature:

RECORDED: 03/08/2018