505721428 10/14/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HUAMIN CHEN	06/14/2017
JAY VYAS	06/20/2017

RECEIVING PARTY DATA

Name:	RED HAT, INC.
Street Address:	100 EAST DAVIE STREET
Internal Address:	18TH FLOOR
City:	RALEIGH
State/Country:	NORTH CAROLINA
Postal Code:	27601

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16593506

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NAME OF SUBMITTER:	NOLAN R. HUBBARD, REG. NO. 62327	
SIGNATURE:	/Nolan R. Hubbard/	
DATE SIGNED:	10/14/2019	

Total Attachments: 4

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PATENT 505721428 REEL: 050705 FRAME: 0343

ASSIGNMENT

WHEREAS, the undersigned, to wit: <u>Huamin Chen</u> and <u>Jay Vyas</u> (hereinafter "ASSIGNORS"), are the lawful owners of an invention entitled <u>PROVIDING HIGH AVAILABILITY FOR A THIN-PROVISIONED CONTAINER CLUSTER;</u>

AND WHEREAS, <u>Red Hat, Inc.</u> (hereinafter "ASSIGNEE"), a corporation duly organized and existing under the laws of <u>Delaware</u> and having its principal office and place of business at <u>100 East Davie Street</u>, <u>18th Floor</u>, <u>Raleigh</u>, <u>NC</u>, <u>27601</u>, desires to acquire the entire right, title, and interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, said ASSIGNORS hereby sell, assign, and transfer to 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, 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;

ASSIGNORS hereby 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, 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

ASSIGNORS furthermore 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.

ASSIGNORS hereby authorize insertion of the Serial Number and filing date of this application in the following space: Serial No. 15/631,747, Filing Date: June 23, 2017.

Attorney Docket No. 0816028.00180/20171050

Date Signed

6/14/2017

Signature

Name: Huamin Chen

Address: c/o Red Hat, Inc.
100 East Davie Street, 18th Floor
Raleigh, NC 27601

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Attorney Docket No. 0816028.00180/20171050

Signature

Name: Jay Vyas

Address: c/o Red Hat, Inc.

100 East Davie Street, 18th Floor

Raleigh, NC 27601

Date Signed

6/20/17

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RECORDED: 10/14/2019