PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5983523

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL TSIRKIN	02/25/2020
PAOLO BONZINI	02/21/2020

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:	16801741

CORRESPONDENCE DATA

Fax Number: (650)328-2799

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: 9735972500

Email: CNascimento@lowenstein.com
Correspondent Name: LOWENSTEIN SANDLER LLP
Address Line 1: ONE LOWENSTEIN DRIVE

Address Line 4: ROSELAND, NEW JERSEY 07068

ATTORNEY DOCKET NUMBER:	05220-2348_L2348	
NAME OF SUBMITTER:	JOHN T. MILLER, JR.	
SIGNATURE:	/John T. Miller, Jr./	
DATE SIGNED:	02/26/2020	

Total Attachments: 3

source=05220-2348_L2348_Combined_Declaration_and_Assignment_signed#page1.tif source=05220-2348_L2348_Combined_Declaration_and_Assignment_signed#page2.tif source=05220-2348_L2348_Combined_Declaration_and_Assignment_signed#page3.tif

PATENT 505936803 REEL: 051938 FRAME: 0541

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

Title of Invention	FAST BOOT RESOURCE ALLOCATION FOR VIRTUAL MACHINES
This declaration and assignmen is directed to:	United States application or PCT international application number
DECLARAT	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 th	at I am the original inventor or an original joint inventor of a claimed invention in the application.
_	cknowledge that any willful false statement made in this declaration is punishable under 18 of by fine or imprisonment of not more than five (5) years, or both.
ASSIGNM	ENT
_	and 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>
a(Type of Assig	corporation of Delaware , nee: e.g., corporation, company, partnership, university, etc.),
having a p	rincipal place of business at 100 East Davie Street, Raleigh, North Carolina 27601,
the United disclosed i and all pro divisional application	"), 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) visional 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

PATENT REEL: 051938 FRAME: 0542 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;

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, 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	01 -
Inventor: Michael Tsirkin	_ Date: <u>Feb 25, 2020</u>
Signature:	
LEGAL NAME OF INVENTOR	
Inventor: Paolo Bonzini	Date:
Signature:	

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;

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, 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 <u>Michael Tsirkin</u>	Date:
Signature:	
LEGAL NAME OF INVENTOR	
Inventor: Paolo Bonzini	Date: <u>Feb 21, 2020</u>
Signature: Pluby	

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PATENT REEL: 051938 FRAME: 0544