FORM PTO-1595

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Atty, Docket No. 5220P258 OMD NO. 0651-0011 exp. 5/31/2002) To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 2. Name and address of receiving party: 1. Name of conveying party: Name: Dr. Mark Cameron Little Red Hat, Inc. Internal Address: Additional name(s) of conveying party(les) attached? □Yes XI No 3. Nature of Conveyance Street Address: X Assignment 1801 Varsity Drive Security Agreement ☐ Change of Name Zip: 27606 City: Raleigh State/Provence: NC Other. Country: USA Additional name(s) & address(es) attached? Yes XXNo Execution Date: 01/25/2008 4. Application Number(s) or patent number(s): 1 If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No. 11/982,068 B. Patent No.(s) Additional numbers attached? 🔲 Yes 🛮 🗱 No 6. Total number of applications and patents involved: Name and address of party to whom correspondence concerning document should be mailed: Daniel E. Ovanezian 7. Total Fee (37 C.F.R. §3.41)......\$40.00 Name: Blakely, Sokoloff, Taylor & Zafman LLP X Enclosed Internal Address: ■ Deficiencies authorized to be charged to deposit account Street Address: 1279 Oakmead Parkway City: Sunnyvale State: California Zip: 94085-4040 Deposit Account Number: 02-2666

9. Statement and signature.

To the best of my knowledge and believe, the foregoing is true and correct and any attached copy is a true copy of the original document

Benjamin A. Kimes, Reg. 50,870

Name of Person Signing

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Signature

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PATENT REEL: 020476 FRAME: 0116

2003

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ASSIGNMENT OF PATENT APPLICATION

Attorney Docket No.: 5220P258

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the undersigned, <u>Dr. Mark Cameron Little</u>, hereby sell, assign, and transfer to <u>Red Hat , Inc.</u>, a <u>Corporation</u> of <u>Delaware</u>, having a principal place of business at <u>1801 Varsity Drive</u>, <u>Raleigh, NC, 27606</u>, ("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 application (provisional or non-provisional) for the United States patent which may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled

HOT-SWAPPABLE SERVICES IN DISTRIBUTED COMPUTING.

said patent application also identified as follows (when known):

[I hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

United States Patent Application Number 11/982,068 filed 10/31/2007,

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 United States 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

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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.

. 2008	
Date	Signature
	Dr. Mark Cameron Little
	Printed/Typed Name

Each Inventor: Please Sign and Date Below:

Assignment Document Return Address: BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 1279 Oakmead Parkway Sunnyvale, CA 94085-4040 (408) 720-8300

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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.

Each Inventor: Please Sign and Date Below:

Signature

Dr. Mark Cameron Little Printed/Typed Name

Assignment Document Return Address: BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 1279 Oakmead Parkway Sunnyvale, CA 94085-4040 (408) 720-8300

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PATENT REEL: 020476 FRAME: 0119

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