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As Modified by Blakely, Sokoloff, Taylor & Zafman LLP  
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U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

Attorney Docket No.:  
**5220P289**

To the Director of the United States Patent and Trademark Office

the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**James P. Schneider and Ronald P. Wen**  
  
Additional name(s) of conveying party(ies) attached?  
 No  Yes

2. Name and address of receiving party(ies):  
Name: Red Hat, Inc.  
  
Internal Address: \_\_\_\_\_

3. Nature of Conveyance  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other:  
Execution Date(s): **February 4, 2008 and February 4, 2008**

Street Address: 1801 Varsity Drive  
  
City: Raleigh State/Province: NC Zip: 27606  
Country: \_\_\_\_\_  
Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s) :  
If this document is being filed together with a new application, the execution date of the application is: **February 4, 2008**  
A. Patent Application No.(s)  
B. Patent No.(s)

Additional numbers attached?  Yes  No **12/012684**

5. Name and address of party to whom correspondence concerning document should be mailed:  
**Dan E. Ovanezian**  
Name: Blakely, Sokoloff, Taylor & Zafman LLP  
Internal Address: \_\_\_\_\_  
Street Address: 12400 Wilshire Boulevard, 7<sup>th</sup> Floor  
City: Los Angeles State: California Zip: 90025

6. Total number of applications and patents involved:  1  
7. Total Fee (37 CFR 3.41).....\$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit Account Number:  
02-2666  
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9. Statement and signature.  
*To the best of my knowledge and belief the foregoing information is true and correct and any attached copy is a true copy of the original document.*  
  
Marina Portnova, Reg. No. 45,750 *M. Portnova* February 4, 2008  
Name of Person Signing Signature Date  
Total number of pages including cover sheet, attachments, and documents:  5

Mail documents to be recorded with required cover sheet information to:  
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02/06/2008 EHAILE1 00000014 12012684  
01 FC:1011 310.00 OP  
02 FC:1111 510.00 OP  
03 FC:1311 210.00 OP  
04 FC:1202 50.00 OP  
05 FC:8021 40.00 OP

**ASSIGNMENT OF PATENT APPLICATION**

Attorney Docket No.: 5220P289

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, James P. Schneider and Ronald P. Wen

hereby sell, assign, and transfer to Red Hat, Inc.

a corporation of Delaware  
 (Type of Assignee: e.g., corporation, company, partnership, university, etc.)

having a principal place of business at 1801 Varsity Drive, Raleigh, NC 27606

("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 VALIDATING SERVICE COMPONENTS THROUGH DATA MINING

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

[I/we 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 \_\_\_\_\_ filed \_\_\_\_\_

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 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.

Each Inventor: Please Sign and Date Below:

4 Feb, 2008  
Date

  
James P. Schneider

\_\_\_\_\_, 20\_\_\_\_  
Date

\_\_\_\_\_  
Ronald P. Wen

Assignment Document Return Address:  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
12400 Wilshire Blvd., Seventh Floor  
Los Angeles, CA 90025-1030  
(408) 720-8300

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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.

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\_\_\_\_\_, 20\_\_\_\_  
Date

\_\_\_\_\_  
James P. Schneider

*February 4*, 20*08*  
Date

*Ronald P. Wen*  
\_\_\_\_\_  
Ronald P. Wen

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