U.S. DEPARTMENT OF COMMERCE

(Rev. 3/01) OMD NO. 0651-0011 exp. 5/31/2002)		Patent and Trademark Office Atty. Docket No. 5220P310	
OND 110. 0001 0011 0.p. 0.02022,	1034	197114 °	
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents of copy thereof.			
1. Name of conveying party:		Name and address of receiving party:	
James P. Schneider		Name: Red Hat, Inc.	
Additional name(s) of conveying party(ies) attac	ched?	Internal Address:	
3. Nature of Conveyance		Street Address:	
■ Assignment	er	1801 Varsity Drive	
☐ Security Agreement ☐ Chan	ge of Name	City: Raleigh State/Provence: NC Zip: 27606	
☐ Other:		Country: USA	
Execution Date: 02/28/2008		Additional name(s) & address(es) attached?	
A. Patent Application No.		on, the execution date of the application is: B. Patent No.(s) attached? Yes No	
Name and address of party to whom corre concerning document should be mailed:	espondence	6. Total number of applications and patents involved: 1	
Daniel E. Ovanezian			
Name: Blakely, Sokoloff, Taylor & Zafn	nan LLP	7. Total Fee (37 C.F.R. §3.41)\$40.00	
Internal Address:		X Enclosed	
Street Address: 1279 Oakmead Parkway		☑ Deficiencies authorized to be charged to deposit account	
City: Sunnyvale State: California Zip: 9	4085-4040	8. Deposit Account Number: 02-2666	
		(Attach duplicate copy of this page if paying by deposit account)	
	DO NOT II		
	DO NOT U	ISE THIS SPACE	
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 Signature Date			

Mail documents to be recorded with required cover sheet information to: MAIL STOP ASSIGNMENT RECORDATION SERVICES DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE P.O. BOX 1450 ALEXANDRIA VA 22313-1450

Total number of pages including cover sheet, attachments, and document:

Atty Docket No. 5220P310

Name of Person Signing

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PATENT REEL: 020621 FRAME: 0887

ASSIGNMENT OF PATENT APPLICATION

Attorney Docket No.: 5220.P310

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, James P. Schneider, hereby sell, assign, and transfer to Red Hat. Inc., a Corporation of Delaware, 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 STREAM CIPHER USING MULTIPLICATION OVER A FINITE FIELD OF EVEN CHARACTERISTIC, 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
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, relssue 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 an
all foreign countries on said inventions or improvements; and in and to all rights of priority resulting
from the filing of sald 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

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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.

		
28 Feb	_, 20 48 _	line Phales
Date		Signature
		James P. Schneider
		Printed/Typed Name
		· interriped idente
	-	
	, 20	
Date		Signature
		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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RECORDED: 02/28/2008

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