PATENT ASSIGNMENT COVER SHEET

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CONVEYING PART	Y DATA					
Ν			me	Execution Date		
HAIBIN ZHANG				02/28/2014		
SCOTT SCHNEIDE	ER			03/03/2014		
WALTER BOGORA	٨D			02/27/2014		
SHARADA SUNDA	RAM			03/02/2014		
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Postal Code:	Postal Code: 94043					
Property Type		Number				
Application Number: 141		1419924	4199240			
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ATTORNEY DOCKET NUMBER:			4001-0870-US2			
NAME OF SUBMITTER:			JONATHAN R. LEE			
502709747			RE	PATENT EL: 032368 FRAME: (0057	

Signature:	/Jonathan R. Lee/	
Date:	03/06/2014	
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. PATENT APPLICATION NO.	
INVENTORS	Haibin Zhang et al.
TITLE	"SYSTEMS AND METHODS FOR MAINTAINING ENCRYPTED
	SEARCH INDEXES ON THIRD-PARTY STORAGE SYSTEMS"

PATENT ASSIGNMENT

Inventors:

Haibin Zhang 6600 Orchard Park Cir. Apt. 7223 Davis, CA 95616

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Assignee:

Symantec Corporation 350 Ellis Street Mountain View, CA 94043

BACKGROUND OF THE ASSIGNMENT

INVENTORS have conceived a certain new and useful invention disclosed in a United States

patent application titled "SYSTEMS AND METHODS FOR MAINTAINING ENCRYPTED

SEARCH INDEXES ON THIRD-PARTY STORAGE SYSTEMS."

PATENT REEL: 032368 FRAME: 0059 ASSIGNEE desires to acquire the entire right, title and interest in the invention and with respect to any Letters Patent or grant of rights equivalent thereto that may be granted with respect to the invention in both the United States and in all foreign countries.

THE PARTIES AGREE AS FOLLOWS:

For good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, each of the undersigned INVENTORS hereby sells, assigns, and transfers to Symantec, a corporation of the state of Delaware, the entire right, title, and interest in the above-identified patent application executed concurrently herewith and to all divisional, continuing, substitute, renewal, reissue, and all other applications for patent or the legal equivalent thereof which have been or may be filed in the United States and all countries foreign to the United States relating to any subject matter disclosed by the above-identified patent application and hereby authorizes the Commissioner of Patents and Trademarks to issue such Letters Patent to ASSIGNEE for the sole use of ASSIGNEE, its successors, or assigns.

Specifically, ASSIGNEE is hereby authorized to apply for patents relating to the invention in its own name in countries where such procedure is proper; to claim the benefit of, file, and prosecute applications relating to the invention under any international conventions or treaties, if applicable. INVENTORS agree to execute applications relating to the invention in those countries and under those international conventions or treaties, if applicable, where it is necessary that the same be executed by the inventors, and to execute assignments of such applications and the resulting grant of patent rights or equivalents thereof to ASSIGNEE as well as all other necessary papers in relation to such applications and Letters Patent.

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testify as to the same in any interference, litigation, or other proceeding relating to the above-referenced application for United States Letters Patent; and

in general, do everything reasonably possible which the ASSIGNEE shall consider desirable for vesting title to such Application for United States Letters Patent in the ASSIGNEE, and for securing, maintaining, defending, or enforcing valid and enforceable patent protection therefor.

Each of the INVENTORS acknowledge that the sale, assignment, and transfer of rights and property set forth herein is and shall be irrevocable and binding upon the heirs, assigns, representatives and successors of each undersigned INVENTOR and extends to the successors, assigns, and nominees of the ASSIGNEE.

Why

Haibin Zhang

Signed on _____, 2014.

Scott Schneider

Signed on _____, 2014.

Walter Bogorad

Signed on _____, 2014.

Sharada Sundaram

Signed on	2014
Signed on	Scott Schnender 2914
Signed on	Waiter Bogorge .2014
	Sharada Suadarara

PATENT REEL: 032368 FRAME: 0062 Signed on _____, 2014.

Scott Schneider

Signed on $2/27$	_, 2014.
	Walto Reel
	Walter Bogorad

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Signed on _____, 2014.

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Sharada Sundaram

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Walter Bogorad Signed on <u>2 March</u>, 2014.

Sharada Sundaram

RECORDED: 03/06/2014

PATENT REEL: 032368 FRAME: 0064

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