PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|----------|----------------|
| Hui ZHAO | 11/25/2010 |

RECEIVING PARTY DATA

| Name: | Computer Associates Think, Inc. |
|-----------------|---------------------------------|
| Street Address: | One CA Plaza |
| City: | Islandia |
| State/Country: | NEW YORK |
| Postal Code: | 11749 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12955648 |

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NAME OF SUBMITTER: lan C. Schick, Ph.D.

Total Attachments: 2

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PATENT REEL: 025428 FRAME: 0856 129556

ASSIGNMENT

WHEREAS, **Hui ZHAO**, a citizen of China, residing at Room 607, Building 26, YuHuiXiLi, Chao Yang District, Beijing, China, 100101 (hereinafter "Assignor"), has made an invention entitled:

"REDUCING DATA DUPLICATION IN CLOUD STORAGE"

described in a United States Patent Application, the specification of which is attached hereto, and

WHEREAS, Computer Associates Think, Inc. (hereinafter "Assignee"), a corporation of Delaware, having a place of business at One CA Plaza, Islandia, New York, 11749, is desirous of acquiring the entire right, title and interest in and to the aforesaid invention, application and all Letters Patent of the United States or any foreign country, including continuations, continuations-in-part, reissues, reexaminations, extensions, substitutes, and divisions which may be granted therefor;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said Assignor, by these presents does sell, assign and transfer unto Assignee, its successors, legal representatives and assigns, the full and exclusive right in and to the said invention as described in the said application, and in and to any Letters Patent of the United States or any foreign country, including continuations, continuations-in-part, reissues, reexaminations, extensions, substitutes, and divisions which may be granted therefor and all rights to claim priority on the basis of said application; and further grants to Assignee the sole right to sue and collect damages for past infringement;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks or any other proper officer or agency of any country to issue all said Letters Patent to said Assignee;

AND I HEREBY warrant and covenant that I have the full right to convey the entire interest herein assigned and that I have not executed and will not execute any instrument or assignment in conflict herewith;

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PATENT REEL: 025428 FRAME: 0857 AND I HEREBY agree to communicate to said Assignee or its representatives any facts known to me respecting said invention, to execute all divisional, continuation, reissue, reexamination, extension, substitute, and foreign applications, sign all lawful documents and make all rightful oaths and declarations relating to said invention, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors, legal representatives or assigns, and to testify in any judicial or administrative proceeding and generally do everything possible to aid the said Assignee to obtain and enforce said Letters Patent in the United States or any foreign country when requested so to do by said Assignee.

Signature of Inventor: Inventor's Name:

Date of Execution:

Hui ZHAO

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RECORDED: 11/29/2010