

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Abhay Kumar SINGH</td><td>09/26/2007</td></tr><tr><td>Raghu KRISHNAMURTHY</td><td>09/27/2007</td></tr><tr><td>Gopal SHARMA</td><td>09/26/2007</td></tr><tr><td>Deepak TAWRI</td><td>09/26/2007</td></tr></tbody></table>	Name	Execution Date	Abhay Kumar SINGH	09/26/2007	Raghu KRISHNAMURTHY	09/27/2007	Gopal SHARMA	09/26/2007	Deepak TAWRI	09/26/2007	
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Raghu KRISHNAMURTHY	09/27/2007										
Gopal SHARMA	09/26/2007										
Deepak TAWRI	09/26/2007										
RECEIVING PARTY DATA											
Name:	Symantec Corporation										
Street Address:	20300 Stevens Creek Blvd.										
City:	Cupertino										
State/Country:	CALIFORNIA										
Postal Code:	95014										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11862932</td></tr></tbody></table>	Property Type	Number	Application Number:	11862932							
Property Type	Number										
Application Number:	11862932										
CORRESPONDENCE DATA											
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ATTORNEY DOCKET NUMBER:	68865.001058										
NAME OF SUBMITTER:	Thomas E. Anderson										
Total Attachments: 7											

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Patent Application
Attorney Docket No.: 68865.001058
Client Reference No.: S07-2017-US

ASSIGNMENT

WHEREAS, the undersigned, to wit:

- (1) Abhay Kumar Singh
- (2) Raghu Krishnamurthy
- (3) Gopal Sharma
- (4) Deepak Tawri

(hereinafter collectively ASSIGNORS), has/have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled:

"TECHNIQUES FOR REDUCING DATA STORAGE NEEDS USING CDP/R"

- (X only one) (a) X which was executed concurrently herewith and is being filed herewith in the United States Patent and Trademark Office;
- (b) which was executed on , 20 , and is being filed herewith in the United States Patent and Trademark Office;
- (c) which was filed as U.S. Patent Application No.

AND WHEREAS, Symantec Corporation (hereinafter ASSIGNEE), a corporation organized and existing under the laws of the Commonwealth/State of Delaware, and having its principal place of business at 20300 Stevens Creek Blvd., Cupertino, CA 95014, is desirous of acquiring the entire right, title, and interest in and to said invention and any and all patents that may be obtained therefor, and in and to said application and any and all patents that may issue therefrom;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS do hereby sell, assign, transfer, and set over unto said ASSIGNEE, its successors, assigns, and legal representatives, all right, title, and interest in and to said invention throughout the world, and any and all patents of the United States and foreign countries that may be obtained therefor, and in and to said application, including any and all continuations, continuations-in-part, divisionals, reissues, re-examinations, substitutions, and extensions thereof, and any and all patents of the United States and foreign countries that may issue therefrom, such right, title, and interest including the right to file applications and obtain patents, utility models,

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industrial models, and designs for said invention in the name of said ASSIGNEES, their successors, assigns, and legal representatives, throughout the world, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, and all rights to register said invention in appropriate registries;

ASSIGNORS also do hereby covenant that we have the full right to convey the entire right, title, and interest herein assigned, and that we have not and will not execute any agreement in conflict herewith;

ASSIGNOR also does hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application, including any continuations, continuations-in-part, divisions, reissues, re-examinations, substitutions, and extensions thereof, to said ASSIGNEES, its successors, assigns, and legal representatives as the ASSIGNEES of the entire right, title, and interest herein assigned;

ASSIGNOR also does hereby agree to, at any time, upon request, without further or additional consideration but at the expense of said ASSIGNEES, their successors, assigns, or legal representatives, executes and delivers any and all papers, makes all rightful oaths, and do all lawful acts that may be necessary or desirable to perfect the entire right, title, and interest herein assigned in said ASSIGNEES, their successors, assigns, and legal representatives, and generally do everything possible to vest the entire right, title, and interest herein assigned in said ASSIGNEES, their successors, assigns, and legal representatives;

ASSIGNOR also does hereby agree to, at any time, upon request, without further or additional consideration but at the expense of said ASSIGNEES, their successors, assigns, or legal representatives, executes and delivers any and all papers, makes all rightful oaths, and do all lawful acts that may be necessary or desirable to make application for and obtain any and all continuations, continuations-in-part, divisionals, reissues, re-examinations, substitutions, or extensions of said application, or any application on said invention, or any patent issuing therefor or therefrom;

ASSIGNOR also does hereby agree to, at any time, upon request, without further or additional consideration but at the

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expense of said ASSIGNEES, their successors, assigns, or legal representatives, communicate to said ASSIGNEES, their successors, assigns, and legal representatives, any known facts relating to said invention or said application or any patent issuing therefor or therefrom, and testify as to the same in any interference or other litigation proceeding when requested to do so, and aid said ASSIGNEES, their successors, assigns, and legal representatives, in obtaining and enforcing proper protection for said invention in all countries;

ASSIGNOR also does hereby grant the firm of Hunton & Williams LLP of 1900 K Street, N.W., Washington, D.C., 20006-1109, or its agents, the power to insert on this assignment any further information, including but not limited to application number(s) and filing date(s), which may be necessary or desirable in order to comply with any rule or request of the United States Patent and Trademark office for the purposes of recording this document.

ASSIGNOR also does now hereby execute this document on the date(s) indicated below:

Patent Application
Attorney Docket No.: 68865.001058
Client Reference No.: S07-2017-US

(1) I have hereunto set my hand and seal this 26th day of
Sep, 2007.

Sign: _____


Print Name: Abhay Kumar Singh

Print Address: 718 Old San Francisco Rd
Apt. 319

Sunnyvale, CA 94086

Patent Application
Attorney Docket No.: 68865.001058
Client Reference No.: S07-2017-US

(1) I have hereunto set my hand and seal this 26 day of
September 2007.

Sign: 
Print Name: Raghu Krishnamurthy
Print Address: 120 Saratoga Avenue
Apt. 118
Santa Clara, CA 95014

Patent Application

Attorney Docket No.: 68865.001058

Client Reference No.: S07-2017-US

(1) I have hereunto set my hand and seal this 26 day of
Sept, 2007.

Sign: _____

G. Sharma

Print Name: Gopal Sharma

Print Address: 3631 Place De Louis
San Jose, CA 95148

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Attorney Docket No.: 68865.001058
Client Reference No.: S07-2017-US

(1) I have hereunto set my hand and seal this 26th day of
Sep, 2007.

Sign: ~~Deepak Tawri~~
Print Name: Deepak Tawri
Print Address : 400 East Remington Drive
Sunnyvale, CA 94087