

## 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>Chirag Dalal</td><td>09/14/2011</td></tr><tr><td>Vivek Gupta</td><td>09/15/2011</td></tr></tbody></table>	Name	Execution Date	Chirag Dalal	09/14/2011	Vivek Gupta	09/15/2011	
Name	Execution Date						
Chirag Dalal	09/14/2011						
Vivek Gupta	09/15/2011						
RECEIVING PARTY DATA							
Name:	Symantec Corporation						
Street Address:	350 Ellis Street						
City:	Mountain View						
State/Country:	CALIFORNIA						
Postal Code:	94043						
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>13233562</td></tr></tbody></table>	Property Type	Number	Application Number:	13233562			
Property Type	Number						
Application Number:	13233562						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	Jonathan R. Lee						
Total Attachments: 4 source=4001-0548 Assignment#page1.tif source=4001-0548 Assignment#page2.tif source=4001-0548 Assignment#page3.tif source=4001-0548 Assignment#page4.tif							

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PATENT  
REEL: 026912 FRAME: 0716

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

U.S. PATENT APPLICATION NO. .... 13/233,562  
FILING DATE ..... 15 September 2011  
INVENTORS ..... Chirag Dalal et al.  
ASSIGNEE ..... Symantec Corporation  
ATTORNEY'S DOCKET NO ..... 4001-0548  
TITLE ..... "SYSTEMS AND METHODS FOR REDUCING FILE-SYSTEM  
..... FRAGMENTATION WHEN RESTORING BLOCK-LEVEL BACKUPS"

**PATENT ASSIGNMENT**

**Inventors:**

Chirag Dalal  
D303, Sylvan Heights,  
Sanewadi, Aundh,  
Pune – 411007  
India

Vivek Gupta  
3/A1, Royal Orchard,  
Wireless Colony, Aundh,  
Pune – 411007  
India

**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 REDUCING FILE-SYSTEM FRAGMENTATION WHEN RESTORING BLOCK-LEVEL BACKUPS."

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.

Each of the INVENTORS further agree, at the request and expense of ASSIGNEE, to:  
execute all divisional, continuing, substitute, renewal, reissue, and any other documents  
relating thereto;

execute all rightful oaths, declarations, assignments, powers of attorney, and other papers;  
communicate to the ASSIGNEE all facts and provide to the ASSIGNEE all documents and  
things known to the undersigned relating to the above-referenced Application for United States  
Letters Patent;

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.

Signed on SEPTEMBER 14, 2011.



\_\_\_\_\_  
Chirag Dalal

Signed on \_\_\_\_\_, 2011.

\_\_\_\_\_  
Vivek Gupta

Each of the INVENTORS further agree, at the request and expense of ASSIGNEE, to:  
execute all divisional, continuing, substitute, renewal, reissue, and any other documents relating thereto;

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Signed on \_\_\_\_\_, 2011.

\_\_\_\_\_  
Chirag Dalal

Signed on 15<sup>th</sup> September, 2011.

  
\_\_\_\_\_  
Vivek Gupta