

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Satyendra Thakur</td> <td>07/25/2012</td> </tr> <tr> <td>Kirubakaran Kaliannan</td> <td>07/26/2012</td> </tr> <tr> <td>Shailesh Marathe</td> <td>07/26/2012</td> </tr> <tr> <td>Niranjan Niranjan</td> <td>07/26/2012</td> </tr> </tbody> </table>		Name	Execution Date	Satyendra Thakur	07/25/2012	Kirubakaran Kaliannan	07/26/2012	Shailesh Marathe	07/26/2012	Niranjan Niranjan	07/26/2012
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<b>RECEIVING PARTY DATA</b>											
Name:	Symantec Corporation										
Street Address:	350 Ellis Street										
City:	Mountain View										
State/Country:	CALIFORNIA										
Postal Code:	94043										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13558977</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13558977						
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Application Number:	13558977										
<b>CORRESPONDENCE DATA</b>											
Fax Number:	8662596138										
Phone:	801 285 5175										
Email:	81877@alg-ip.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	ADVANTEDGE LAW GROUP, LLC										
Address Line 1:	922 W. Baxter Dr.										
Address Line 2:	Suite 100										
Address Line 4:	South Jordan, UTAH 84095										
ATTORNEY DOCKET NUMBER:	4001-0683										
NAME OF SUBMITTER:	Jonathan R. Lee										

OP \$40.00 13558977

**Total Attachments: 6**

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

U.S. PATENT APPLICATION NO. .... 13/558,977  
FILING DATE ..... 26 July 2012  
INVENTORS ..... Satyendra Thakur, et al.  
ASSIGNEE ..... Symantec Corporation  
ATTORNEY'S DOCKET NO ..... 4001-0683  
TITLE ..... "SYSTEMS AND METHODS FOR NATURAL BATCHING  
..... OF I/O OPERATIONS ON A REPLICATION LOG"

**PATENT ASSIGNMENT**

**Inventors:**

Satyendra Thakur  
395 Ano Nuevo Ave, Apt No 216  
Sunnyvale, CA 94085

Kirubakaran Kaliannan  
17039 SW Berkeley LN  
Beaverton, OR 97006

Shailesh Marathe  
402, La Chapelle, Survey No 270/1,  
Baner Road, Opp. Hotel Mahabaleshwar  
Pune, Maharashtra 411045  
INDIA

Niranjan Pendharkar  
Apt no. 301, MontVert Viva, Survey No. 13/1/5,  
Baner Road, NCL/Pashan,  
Pune 411008  
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 NATURAL BATCHING OF I/O OPERATIONS ON A REPLICATION LOG."

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 25 July, 2012.

  
\_\_\_\_\_  
Satyendra Thakur

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Signed on \_\_\_\_\_, 2012.

\_\_\_\_\_  
Satyendra Thakur

Signed on 07/26/2012, 2012.

*K. Kirubakaran*

Kirubakaran Kaliannan

Signed on \_\_\_\_\_, 2012.

\_\_\_\_\_  
Shailesh Marathe


Signed on \_\_\_\_\_, 2012.

\_\_\_\_\_  
Niranjana Pendharkar


Signed on \_\_\_\_\_, 2012.

\_\_\_\_\_  
Kirubakaran Kaliannan

Signed on 26<sup>th</sup> July, 2012.

  
\_\_\_\_\_  
Shailesh Marathe

Signed on 26 JULY, 2012.

  
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Niranjana Pendharkar