

PATENT ASSIGNMENT

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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>Prasanta Dash</td> <td>05/31/2012</td> </tr> <tr> <td>Yatin Nayak</td> <td>05/31/2012</td> </tr> <tr> <td>Kirubakaran Kaliannan</td> <td>05/31/2012</td> </tr> <tr> <td>Satyendra Thakur</td> <td>05/31/2012</td> </tr> </tbody> </table>		Name	Execution Date	Prasanta Dash	05/31/2012	Yatin Nayak	05/31/2012	Kirubakaran Kaliannan	05/31/2012	Satyendra Thakur	05/31/2012
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Yatin Nayak	05/31/2012										
Kirubakaran Kaliannan	05/31/2012										
Satyendra Thakur	05/31/2012										
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>13485902</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13485902						
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Application Number:	13485902										
CORRESPONDENCE DATA											
Fax Number:	(866)259-6138										
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
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NAME OF SUBMITTER:	Jonathan R. Lee										

OP \$40.00 13485902

Total Attachments: 5

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. PATENT APPLICATION NO. 13/485,902
FILING DATE31 May 2012
INVENTORS Prasanta Dash et al.
ASSIGNEE..... Symantec Corporation
ATTORNEY’S DOCKET NO4001-0672
TITLE.....“SYSTEMS AND METHODS FOR SHIPPING I/O
.....OPERATIONS TO PREVENT REPLICATION FAILURE”

PATENT ASSIGNMENT

Inventors:

Prasanta Dash
3246 Vintage Oaks Ct.
San Jose, CA 95148

Yatin Nayak
4745 La Pinta Way
San Jose, CA 95129

Kirubakaran Kaliannan
14039 SW Berkeley Ln
Beaverton, OR 97006

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

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 SHIPPING I/O OPERATIONS TO PREVENT REPLICATION FAILURE.”

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.

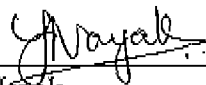
Each of the INVENTORS acknowledge that the sale, assignment, and transfer of rights and property set forth herein is and shall be irrevocable and binding upon the heirs, assigns, representatives and successors of each undersigned INVENTOR and extends to the successors, assigns, and nominees of the ASSIGNEE.

Signed on May 31st, 2012.



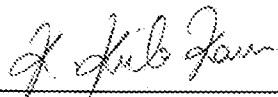
Prasanta Dash

Signed on May 31, 2012.



Yatin Nayak

Signed on MAY '31, 2012.



Kirubakaran Kaliannan

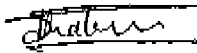
Signed on _____, 2012.

Satyendra Thakur

Signed on _____, 2012.

Kirubakaran Kaliannan

Signed on May 31, 2012.



Satyendra Thakur