

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ryan McCarten</td> <td>11/19/2008</td> </tr> <tr> <td>Suneet Nandwani</td> <td>12/02/2008</td> </tr> <tr> <td>Yury Mazin</td> <td>11/18/2008</td> </tr> </tbody> </table>		Name	Execution Date	Ryan McCarten	11/19/2008	Suneet Nandwani	12/02/2008	Yury Mazin	11/18/2008
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Ryan McCarten	11/19/2008								
Suneet Nandwani	12/02/2008								
Yury Mazin	11/18/2008								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	Symantec Corporation								
<b>Street Address:</b>	20330 Stevens Creek Blvd.								
<b>City:</b>	Cupertino								
<b>State/Country:</b>	CALIFORNIA								
<b>Postal Code:</b>	95014								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12329033</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12329033				
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Application Number:	12329033								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(866)259-6138								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
<b>Phone:</b>	801 285 5175								
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<b>Address Line 2:</b>	Suite 100								
<b>Address Line 4:</b>	South Jordan, UTAH 84095								
<b>ATTORNEY DOCKET NUMBER:</b>	4001-0294								
<b>NAME OF SUBMITTER:</b>	Bryan K. Hanks								

Total Attachments: 3  
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**PATENT**  
**REEL: 021931 FRAME: 0185**

**OP \$40.00 12329033**

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. PATENT APPLICATION NO. ....12/329,033  
FILING DATE..... 5 December 2008  
INVENTORS..... Ryan McCarten et al.  
ASSIGNEE..... Symantec Corporation  
ATTORNEY'S DOCKET NO ..... 4001-0294  
TITLE..... "Methods and Systems for Handling Component-Object-Model Communications"

PATENT ASSIGNMENT

Inventors:

Ryan McCarten  
343 Carlos Ave.  
Redwood City CA 94061

Suneet Nandwani  
3299 Cantamar Ct.  
San Jose CA 95135

Yury Mazin  
743 Los Robles Ave.  
Palo Alto CA 94306

Assignee:

Symantec Corporation  
20330 Stevens Creek Blvd.  
Cupertino CA 95014

BACKGROUND OF THE ASSIGNMENT

INVENTORS have conceived a certain new and useful invention disclosed in a United States patent application titled "Methods and Systems for Handling Component-Object-Model Communications."

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

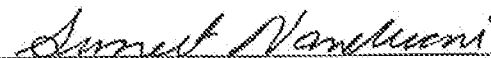
in general, do everything reasonably possible which the ASSIGNEE shall consider desirable for vesting title to such Application for United States Letters Patent in the ASSIGNEE, and for securing, maintaining, defending, or enforcing valid and enforceable patent protection therefor.

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.

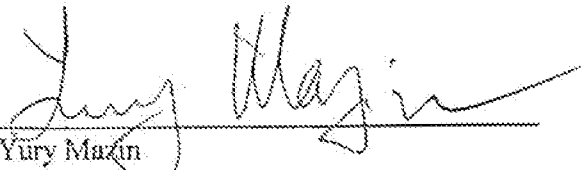
Signed on 11/19/2008, 2008.

  
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Ryan McCarten

Signed on 12/02/2008, 2008.

  
\_\_\_\_\_  
Suneet Nandwani

Signed on 11/19/2008, 2008.

  
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Yuri Mazin