

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Sumesh Jaiswal</td> <td>12/13/2011</td> </tr> <tr> <td>Ashish Aggarwal</td> <td>12/13/2011</td> </tr> <tr> <td>Phillip DiCorpo</td> <td>02/22/2012</td> </tr> <tr> <td>Shitalkumar S. Sawant</td> <td>12/12/2011</td> </tr> <tr> <td>Sally Kauffman</td> <td>12/13/2011</td> </tr> <tr> <td>Alan Dale Galindez</td> <td>12/12/2011</td> </tr> </tbody> </table>		Name	Execution Date	Sumesh Jaiswal	12/13/2011	Ashish Aggarwal	12/13/2011	Phillip DiCorpo	02/22/2012	Shitalkumar S. Sawant	12/12/2011	Sally Kauffman	12/13/2011	Alan Dale Galindez	12/12/2011
Name	Execution Date														
Sumesh Jaiswal	12/13/2011														
Ashish Aggarwal	12/13/2011														
Phillip DiCorpo	02/22/2012														
Shitalkumar S. Sawant	12/12/2011														
Sally Kauffman	12/13/2011														
Alan Dale Galindez	12/12/2011														
RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>Symantec Corporation</td> </tr> <tr> <td>Street Address:</td> <td>350 Ellis Street</td> </tr> <tr> <td>City:</td> <td>Mountain View</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94043</td> </tr> </table>		Name:	Symantec Corporation	Street Address:	350 Ellis Street	City:	Mountain View	State/Country:	CALIFORNIA	Postal Code:	94043				
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>13326198</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13326198										
Property Type	Number														
Application Number:	13326198														
CORRESPONDENCE DATA															
Fax Number:	(973)422-2927														
Phone:	(650) 433-5800														
Email:	bkimes@lowenstein.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:	Patent Docket Administrator														
Address Line 1:	LOWENSTEIN SANDLER PC														
Address Line 2:	65 Livingston Avenue														
Address Line 4:	Roseland, NEW JERSEY 07068														
ATTORNEY DOCKET NUMBER:	06224.150 (L046X2)														

CH \$40.00 13326198

NAME OF SUBMITTER:

Benjamin A. Kimes

**Total Attachments: 12**

source=06224.150 (L046X2) Executed Assignment filed 2-24-12#page1.tif  
source=06224.150 (L046X2) Executed Assignment filed 2-24-12#page2.tif  
source=06224.150 (L046X2) Executed Assignment filed 2-24-12#page3.tif  
source=06224.150 (L046X2) Executed Assignment filed 2-24-12#page4.tif  
source=06224.150 (L046X2) Executed Assignment filed 2-24-12#page5.tif  
source=06224.150 (L046X2) Executed Assignment filed 2-24-12#page6.tif  
source=06224.150 (L046X2) Executed Assignment filed 2-24-12#page7.tif  
source=06224.150 (L046X2) Executed Assignment filed 2-24-12#page8.tif  
source=06224.150 (L046X2) Executed Assignment filed 2-24-12#page9.tif  
source=06224.150 (L046X2) Executed Assignment filed 2-24-12#page10.tif  
source=06224.150 (L046X2) Executed Assignment filed 2-24-12#page11.tif  
source=06224.150 (L046X2) Executed Assignment filed 2-24-12#page12.tif

**ASSIGNMENT OF PATENT APPLICATION**

Attorney Docket No.: 06224.149 (L046X2)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, Sumesh Jaiswal, Ashish Aggarwal, Phillip DiCorpo, Shitalkumar S. Sawant, Sally Kauffman, Alan Dale Galindez,

hereby sell, assign, and transfer to Symantec Corporation

a corporation of Delaware,  
(Type of Assignee: e.g., corporation, company, partnership, university, etc.)

having a principal place of business at 350 Ellis Street, Mountain View, CA 94043

("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which for the non-provisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled

DATA QUALITY ASSESSMENT FOR VECTOR MACHINE LEARNING

said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

United States Patent Application Number 13/326,198 filed 12/14/2011,

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

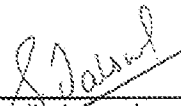
agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or

representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

**Each Inventor: Please Sign and Date Below:**

12/13, 2011  
Date

  
Sumesh Jaiswal

\_\_\_\_\_, 20\_\_\_\_  
Date

\_\_\_\_\_  
Ashish Aggarwal

\_\_\_\_\_, 20\_\_\_\_  
Date

\_\_\_\_\_  
Phillip DiCorpo

\_\_\_\_\_, 20\_\_\_\_  
Date

\_\_\_\_\_  
Shitalkumar S. Sawant

\_\_\_\_\_, 20\_\_\_\_  
Date

\_\_\_\_\_  
Sally Kauffman

\_\_\_\_\_, 20\_\_\_\_  
Date

\_\_\_\_\_  
Alan Dale Galindez

Assignment Document Return Address:  
Patent Docket Administrator  
Lowenstein Sandler PC  
65 Livingston Avenue  
Roseland, New Jersey 07068

**ASSIGNMENT OF PATENT APPLICATION**

Attorney Docket No.: 06224.149 (L046X2)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, Sumesh Jaiswal, Ashish Aggarwal, Phillip DiCorpo, Shitalkumar S. Sawant, Sally Kauffman, Alan Dale Galindez,

hereby sell, assign, and transfer to Symantec Corporation

a corporation of Delaware,  
(Type of Assignee: e.g., corporation, company, partnership, university, etc.)

having a principal place of business at 350 Ellis Street, Mountain View, CA 94043

("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which for the non-provisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled

DATA QUALITY ASSESSMENT FOR VECTOR MACHINE LEARNING

said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

United States Patent Application Number 13/326,198 filed 12/14/2011,

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or

representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

\_\_\_\_\_, 20\_\_\_\_  
Date Sumesh Jaiswal

13<sup>th</sup> DEC, 20 11  
Date *Ashish*  
Ashish Aggarwal

\_\_\_\_\_, 20\_\_\_\_  
Date Phillip DiCorpo

\_\_\_\_\_, 20\_\_\_\_  
Date Shitalkumar S. Sawant

\_\_\_\_\_, 20\_\_\_\_  
Date Sally Kauffman

\_\_\_\_\_, 20\_\_\_\_  
Date Alan Dale Galindez

Assignment Document Return Address:  
Patent Docket Administrator  
Lowenstein Sandler PC  
65 Livingston Avenue  
Roseland, New Jersey 07068

**ASSIGNMENT OF PATENT APPLICATION**

Attorney Docket No.: 06224.149 (L046X2)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, Sumesh Jaiswal, Ashish Aggarwal, Phillip DiCorpo, Shitalkumar S. Sawant, Sally Kauffman, Alan Dale Galindez,

hereby sell, assign, and transfer to Symantec Corporation

a corporation of Delaware,  
(Type of Assignee: e.g., corporation, company, partnership, university, etc.)

having a principal place of business at 350 Ellis Street, Mountain View, CA 94043

("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which for the non-provisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled

DATA QUALITY ASSESSMENT FOR VECTOR MACHINE LEARNING

said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

United States Patent Application Number 13/326,198 filed 12/14/2011,

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or

representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

\_\_\_\_\_, 20\_\_\_\_  
Date Sumesh Jaiswal

\_\_\_\_\_, 20\_\_\_\_  
Date Ashish Aggarwal

2/22, 2012  
Date   
Phillip DiCorpo

\_\_\_\_\_, 20\_\_\_\_  
Date Shitalkumar S. Sawant

\_\_\_\_\_, 20\_\_\_\_  
Date Sally Kauffman

\_\_\_\_\_, 20\_\_\_\_  
Date Alan Dale Galindez

Assignment Document Return Address:  
Patent Docket Administrator  
Lowenstein Sandler PC  
65 Livingston Avenue  
Roseland, New Jersey 07068



**ASSIGNMENT OF PATENT APPLICATION**

Attorney Docket No.: 06224.149 (L046X2)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, Sumesh Jaiswal, Ashish Aggarwal, Phillip DiCorpo, Shitalkumar S. Sawant, Sally Kauffman, Alan Dale Galindez,

hereby sell, assign, and transfer to Symantec Corporation

a corporation of Delaware,  
(Type of Assignee: e.g., corporation, company, partnership, university, etc.)

having a principal place of business at 350 Ellis Street, Mountain View, CA 94043

("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which for the non-provisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled

DATA QUALITY ASSESSMENT FOR VECTOR MACHINE LEARNING

said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

United States Patent Application Number 13/326,198 filed 12/14/2011,

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or

representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

\_\_\_\_\_, 20\_\_\_\_  
Date Sumesh Jaiswal

\_\_\_\_\_, 20\_\_\_\_  
Date Ashish Aggarwal

\_\_\_\_\_, 20\_\_\_\_  
Date Phillip DiCorpo

12/12/2011  
Date Shitalkumar S. Sawant

\_\_\_\_\_, 20\_\_\_\_  
Date Sally Kauffman

\_\_\_\_\_, 20\_\_\_\_  
Date Alan Dale Galindez

Assignment Document Return Address:  
Patent Docket Administrator  
Lowenstein Sandler PC  
65 Livingston Avenue  
Roseland, New Jersey 07068

**ASSIGNMENT OF PATENT APPLICATION**

Attorney Docket No.: 06224.149 (L046X2)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, Sumesh Jaiswal, Ashish Aggarwal, Phillip DiCorpo, Shitalkumar S. Sawant, Sally Kauffman, Alan Dale Galindez,

hereby sell, assign, and transfer to Symantec Corporation

a corporation of Delaware,  
(Type of Assignee: e.g., corporation, company, partnership, university, etc.)

having a principal place of business at 350 Ellis Street, Mountain View, CA 94043

("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which for the non-provisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled

DATA QUALITY ASSESSMENT FOR VECTOR MACHINE LEARNING

said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

United States Patent Application Number 13/326,198 filed 12/14/2011,

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or

representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

**Each Inventor: Please Sign and Date Below:**

\_\_\_\_\_, 20\_\_\_\_  
Date Sumesh Jaiswal

\_\_\_\_\_, 20\_\_\_\_  
Date Ashish Aggarwal

\_\_\_\_\_, 20\_\_\_\_  
Date Phillip DiCorpo

\_\_\_\_\_, 20\_\_\_\_  
Date Shitalkumar S. Sawant

12/13, 2011  
Date Sally Kauffman

\_\_\_\_\_, 20\_\_\_\_  
Date Alan Dale Galindez

Assignment Document Return Address:  
Patent Docket Administrator  
Lowenstein Sandler PC  
65 Livingston Avenue  
Roseland, New Jersey 07068

**ASSIGNMENT OF PATENT APPLICATION**

Attorney Docket No.: 06224.149 (L046X2)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, Sumesh Jaiswal, Ashish Aggarwal, Phillip DiCorpo, Shitalkumar S. Sawant, Sally Kauffman, Alan Dale Galindez,

hereby sell, assign, and transfer to Symantec Corporation

a corporation of Delaware,  
(Type of Assignee: e.g., corporation, company, partnership, university, etc.)

having a principal place of business at 350 Ellis Street, Mountain View, CA 94043

("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which for the non-provisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled

DATA QUALITY ASSESSMENT FOR VECTOR MACHINE LEARNING

said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

United States Patent Application Number 13/326,198 filed 12/14/2011,

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or

representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

**Each Inventor: Please Sign and Date Below:**

\_\_\_\_\_, 20\_\_\_\_  
Date Sumesh Jaiswal

\_\_\_\_\_, 20\_\_\_\_  
Date Ashish Aggarwal

\_\_\_\_\_, 20\_\_\_\_  
Date Phillip DiCorpo

\_\_\_\_\_, 20\_\_\_\_  
Date Shitalkumar S. Sawant

\_\_\_\_\_, 20\_\_\_\_  
Date Sally Kauffman

12/12, 2011  
Date Alan Dale Galindez

**Assignment Document Return Address:**  
Patent Docket Administrator  
Lowenstein Sandler PC  
65 Livingston Avenue  
Roseland, New Jersey 07068