

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MOHAMMAD SHAMI	08/26/2010
TRI DO	09/08/2010
KEVIN WRIGHT	09/29/2010
HEMANT PURANIK	08/31/2010
GEORGE CHITOURAS	09/01/2010
RECEIVING PARTY DATA	
Name:	SAP AG
Street Address:	Dietmar-Hopp-Alee 16
City:	Walldorf
State/Country:	GERMANY
Postal Code:	D-69190
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12908781
CORRESPONDENCE DATA	
Fax Number:	(202)842-7899
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	6508435622
Email:	ksmith@cooley.com
Correspondent Name:	SAP GLOBAL IP c/o COOLEY LLP
Address Line 1:	777 6th Street NW, Suite 1100
Address Line 2:	Attn: PATENT GROUP / WSG-HN
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20001
ATTORNEY DOCKET NUMBER:	304661-2507
NAME OF SUBMITTER:	WILLIAM S. GALLIANI

CH \$40.00 12908781

501326170

PATENT
REEL: 025170 FRAME: 0411

Total Attachments: 15

source=BOBJ22500USAssignment20Oct10#page1.tif
source=BOBJ22500USAssignment20Oct10#page2.tif
source=BOBJ22500USAssignment20Oct10#page3.tif
source=BOBJ22500USAssignment20Oct10#page4.tif
source=BOBJ22500USAssignment20Oct10#page5.tif
source=BOBJ22500USAssignment20Oct10#page6.tif
source=BOBJ22500USAssignment20Oct10#page7.tif
source=BOBJ22500USAssignment20Oct10#page8.tif
source=BOBJ22500USAssignment20Oct10#page9.tif
source=BOBJ22500USAssignment20Oct10#page10.tif
source=BOBJ22500USAssignment20Oct10#page11.tif
source=BOBJ22500USAssignment20Oct10#page12.tif
source=BOBJ22500USAssignment20Oct10#page13.tif
source=BOBJ22500USAssignment20Oct10#page14.tif
source=BOBJ22500USAssignment20Oct10#page15.tif

ASSIGNMENT

Mohammad Shami, residing at 330 N Mathilda Ave., Apt 806, Sunnyvale, CA, 94085; Tri Do, residing at 4058 McLaughlin Ave., San Jose, CA 95121; Kevin Wright, residing at 358 Utica Lane, San Jose, CA 95123; Hemant Puranik, residing at 9976 Broadmoor Drive, San Ramon, CA 94583; and George Chitouras, residing at 1515 Altschul Ave., Menlo Park, CA 94025 (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled APPARATUS AND METHOD FOR ENTITY EXPANSION AND GROUPING, and which is a:

- (1) provisional application
(a) to be filed herewith; or
(b) bearing Application No. _____, and filed on _____; or
- (2) non-provisional application
(a) to be filed herewith; or
(b) bearing Application No. _____, and filed on _____.

WHEREAS, SAP AG, a corporation duly organized under and pursuant to the laws of Germany, and having its principal place of business at Dietmar-Hopp-Allee 16, D-69190 Walldorf, Germany (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention; the application for patent identified in paragraph (1) or (2); the right to file applications for patent of the United States or other countries on the Invention; any application for patent of the United States or other countries claiming priority to these application; any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patent of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
(b) the application for patent identified in paragraph (1) or (2);
(c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty;
(d) any application(s) for patent of the United States or other countries claiming the Invention(s);

(e) any application(s) for patent of the United States or other countries claiming priority to the application for patent identified in paragraph (1) or (2) or any application(s) for patent claiming the Invention(s), including any division(s), continuation(s), and continuation(s)-in-part; and

(f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and

(g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b) – (e), including any reissue(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.


The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said applications, and said patents, including interference proceedings, without charge to the Assignor, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of COOLEY LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application identified in paragraph (1) or (2) when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: Aug 26, 2010

By: 
Mohammad Shami

Date: Aug 26, 2010

By: 
Witness: RACHEL S. L. MONTANA

Date: _____

By: _____
Tri Do

Date: _____

By: _____
Witness: _____

Date: _____

By: _____
Kevin Wright

Date: _____

By: _____
Witness: _____

Date: _____

By: _____
Hemant Puranik

Date: _____

By: _____
Witness: _____

Date: _____

By: _____
George Chitouras

Date: _____

By: _____
Witness: _____

Attorney Docket No. BOBJ-225/00US 304661-2507
2010P00082US

PATENT

ASSIGNMENT

Mohammad Shami, residing at 330 N Mathilda Ave., Apt 806, Sunnyvale, CA, 94085; Tri Do, residing at 4058 McLaughlin Ave., San Jose, CA 95121; Kevin Wright, residing at 358 Utica Lane, San Jose, CA 95123; Hemant Puranik, residing at 9976 Broadmoor Drive, San Ramon, CA 94583; and George Chitouras, residing at 1515 Altschul Ave., Menlo Park, CA 94025 (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled APPARATUS AND METHOD FOR ENTITY EXPANSION AND GROUPING, and which is a:

- (1) provisional application
- (a) to be filed herewith; or
- (b) bearing Application No. _____, and filed on _____; or
- (2) non-provisional application
- (a) to be filed herewith; or
- (b) bearing Application No. _____, and filed on _____.

WHEREAS, SAP AG, a corporation duly organized under and pursuant to the laws of Germany, and having its principal place of business at Dietmar-Hopp-Allee 16, D-69190 Walldorf, Germany (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention; the application for patent identified in paragraph (1) or (2); the right to file applications for patent of the United States or other countries on the Invention; any application for patent of the United States or other countries claiming priority to these application; any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patent of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application for patent identified in paragraph (1) or (2);
- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty;
- (d) any application(s) for patent of the United States or other countries claiming the Invention(s);

877872 v1/11N

(e) any application(s) for patent of the United States or other countries claiming priority to the application for patent identified in paragraph (1) or (2) or any application(s) for patent claiming the Invention(s), including any division(s), continuation(s), and continuation(s)-in-part; and

(f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and

(g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b) - (e), including any reissue(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said applications, and said patents, including interference proceedings, without charge to the Assignor, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of COOLEY LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application identified in paragraph (1) or (2) when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

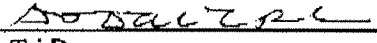
Date: _____

By: _____
Mohammad Shami

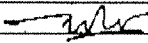
Date: _____

By: _____
Witness: _____

Date: 09/08/2010

By: 
Tri Do

Date: 09/08/2010

By: CHI K. TRUONG
Witness: 

Date: _____

By: _____
Kevin Wright

Date: _____

By: _____
Witness: _____

Date: _____

By: _____
Hemant Puranik

Date: _____

By: _____
Witness: _____

Date: _____

By: _____
George Chitouras

Date: _____

By: _____
Witness: _____

ASSIGNMENT

Mohammad Shami, residing at 330 N Mathilda Ave., Apt 806 , Sunnyvale , CA , 94085; Tri Do, residing at 4058 McLaughlin Ave., San Jose, CA 95121; Kevin Wright, residing at 358 Utica Lane, San Jose, CA 95123; Hemant Puranik, residing at 9976 Broadmoor Drive, San Ramon, CA 94583; and George Chitouras, residing at 1515 Altschul Ave., Menlo Park, CA 94025 (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled APPARATUS AND METHOD FOR ENTITY EXPANSION AND GROUPING, and which is a:

- (1) provisional application
(a) to be filed herewith; or
(b) bearing Application No. _____, and filed on _____; or
- (2) non-provisional application
(a) to be filed herewith; or
(b) bearing Application No. _____, and filed on _____.

WHEREAS, SAP AG, a corporation duly organized under and pursuant to the laws of Germany, and having its principal place of business at Dietmar-Hopp-Allee 16, D-69190 Walldorf, Germany (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention; the application for patent identified in paragraph (1) or (2); the right to file applications for patent of the United States or other countries on the Invention; any application for patent of the United States or other countries claiming priority to these application; any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patent of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
(b) the application for patent identified in paragraph (1) or (2);
(c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty;
(d) any application(s) for patent of the United States or other countries claiming the Invention(s);

(e) any application(s) for patent of the United States or other countries claiming priority to the application for patent identified in paragraph (1) or (2) or any application(s) for patent claiming the Invention(s), including any division(s), continuation(s), and continuation(s)-in-part; and

(f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and

(g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b) – (e), including any reissue(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said applications, and said patents, including interference proceedings, without charge to the Assignor, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of COOLEY LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application identified in paragraph (1) or (2) when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: _____

By: _____
Mohammad Shami

Date: _____

By: _____
Witness: _____

Date: _____	By: _____ Tri Do
Date: _____	By: _____ Witness: _____
Date: <u>29-SEPT-2010</u>	By: <u><i>[Signature]</i></u> Kevin Wright
Date: <u>29-Sep-2010</u>	By: <u><i>[Signature]</i></u> Witness: <u>KAREN NG</u>
Date: _____	By: _____ Hemant Puranik
Date: _____	By: _____ Witness: _____
Date: _____	By: _____ George Chitouras
Date: _____	By: _____ Witness: _____

ASSIGNMENT

Mohammad Shami, residing at 330 N Mathilda Ave., Apt 806 , Sunnyvale , CA , 94085; Tri Do, residing at 4058 McLaughlin Ave., San Jose, CA 95121; Kevin Wright, residing at 358 Utica Lane, San Jose, CA 95123; Hemant Puranik, residing at 9976 Broadmoor Drive, San Ramon, CA 94583; and George Chitouras, residing at 1515 Altschul Ave., Menlo Park, CA 94025 (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled APPARATUS AND METHOD FOR ENTITY EXPANSION AND GROUPING, and which is a:

- (1) provisional application
(a) to be filed herewith; or
(b) bearing Application No. _____, and filed on _____; or
- (2) non-provisional application
(a) to be filed herewith; or
(b) bearing Application No. _____, and filed on _____.

WHEREAS, SAP AG, a corporation duly organized under and pursuant to the laws of Germany, and having its principal place of business at Dietmar-Hopp-Allee 16, D-69190 Walldorf, Germany (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention; the application for patent identified in paragraph (1) or (2); the right to file applications for patent of the United States or other countries on the Invention; any application for patent of the United States or other countries claiming priority to these application; any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patent of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
(b) the application for patent identified in paragraph (1) or (2);
(c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty;
(d) any application(s) for patent of the United States or other countries claiming the Invention(s);

(e) any application(s) for patent of the United States or other countries claiming priority to the application for patent identified in paragraph (1) or (2) or any application(s) for patent claiming the Invention(s), including any division(s), continuation(s), and continuation(s)-in-part; and

(f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and

(g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b) – (e), including any reissue(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said applications, and said patents, including interference proceedings, without charge to the Assignor, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of COOLEY LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application identified in paragraph (1) or (2) when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: _____

By: _____
Mohammad Shami

Date: _____

By: _____
Witness: _____

Date: _____

By: _____
Tri Do

Date: _____

By: _____
Witness: _____

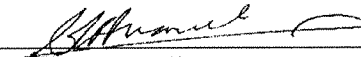
Date: _____

By: _____
Kevin Wright

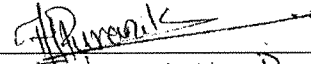
Date: _____

By: _____
Witness: _____

Date: 08/31/2010

By: 
Hemant Puranik

Date: 08/31/2010

By: 
Witness: Tejaswini Puranik

Date: _____

By: _____
George Chitouras

Date: _____

By: _____
Witness: _____

ASSIGNMENT

Mohammad Shami, residing at 330 N Mathilda Ave., Apt 806, Sunnyvale, CA, 94085; Tri Do, residing at 4058 McLaughlin Ave., San Jose, CA 95121; Kevin Wright, residing at 358 Utica Lane, San Jose, CA 95123; Hemant Puranik, residing at 9976 Broadmoor Drive, San Ramon, CA 94583; and George Chitouras, residing at 1515 Altschul Ave., Menlo Park, CA 94025 (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled APPARATUS AND METHOD FOR ENTITY EXPANSION AND GROUPING, and which is a:

- (1) provisional application
(a) to be filed herewith; or
(b) bearing Application No. _____, and filed on _____; or
- (2) non-provisional application
(a) to be filed herewith; or
(b) bearing Application No. _____, and filed on _____.

WHEREAS, SAP AG, a corporation duly organized under and pursuant to the laws of Germany, and having its principal place of business at Dietmar-Hopp-Allee 16, D-69190 Walldorf, Germany (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention; the application for patent identified in paragraph (1) or (2); the right to file applications for patent of the United States or other countries on the Invention; any application for patent of the United States or other countries claiming priority to these applications; any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patent of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
(b) the application for patent identified in paragraph (1) or (2);
(c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty;
(d) any application(s) for patent of the United States or other countries claiming the Invention(s);

(e) any application(s) for patent of the United States or other countries claiming priority to the application for patent identified in paragraph (1) or (2) or any application(s) for patent claiming the Invention(s), including any division(s), continuation(s), and continuation(s)-in-part; and

(f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and

(g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b) - (e), including any reissue(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said applications, and said patents, including interference proceedings, without charge to the Assignor, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of COOLEY LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application identified in paragraph (1) or (2) when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: _____

By: _____
Mohammad Shami

Date: _____

By: _____
Witness: _____

Date: _____

By: _____
Tri Do

Date: _____

By: _____
Witness: _____

Date: _____

By: _____
Kevin Wright

Date: _____

By: _____
Witness: _____

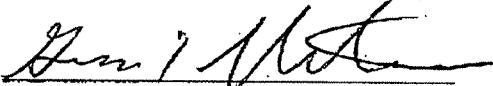
Date: _____

By: _____
Hemant Puranik

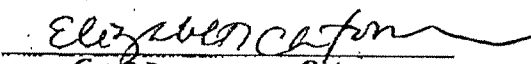
Date: _____

By: _____
Witness: _____

Date: 9/1/2010

By: 
George Chitouras

Date: 9/1/2010

By: 
Witness: ELIZABETH CHITOURAS