

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>Vedaraman Geetha</td> <td>05/24/2013</td> </tr> <tr> <td>Jeffrey D. Chamberlain</td> <td>06/12/2013</td> </tr> <tr> <td>Sailesh Kottapalli</td> <td>06/13/2013</td> </tr> <tr> <td>Ganesh Kumar</td> <td>05/30/2013</td> </tr> <tr> <td>Henk G. Neefs</td> <td>05/24/2013</td> </tr> <tr> <td>Neil J. Achtman</td> <td>05/28/2013</td> </tr> <tr> <td>Bongjin Jung</td> <td>05/29/2013</td> </tr> </tbody> </table>		Name	Execution Date	Vedaraman Geetha	05/24/2013	Jeffrey D. Chamberlain	06/12/2013	Sailesh Kottapalli	06/13/2013	Ganesh Kumar	05/30/2013	Henk G. Neefs	05/24/2013	Neil J. Achtman	05/28/2013	Bongjin Jung	05/29/2013
Name	Execution Date																
Vedaraman Geetha	05/24/2013																
Jeffrey D. Chamberlain	06/12/2013																
Sailesh Kottapalli	06/13/2013																
Ganesh Kumar	05/30/2013																
Henk G. Neefs	05/24/2013																
Neil J. Achtman	05/28/2013																
Bongjin Jung	05/29/2013																
RECEIVING PARTY DATA																	
Name:	Intel Corporation																
Street Address:	2200 Mission College Blvd.																
City:	Santa Clara																
State/Country:	CALIFORNIA																
Postal Code:	95054																
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>13808595</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13808595												
Property Type	Number																
Application Number:	13808595																
CORRESPONDENCE DATA																	
Fax Number:	6123328352																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Email:	sitiwari@cpaglobal.com																
Correspondent Name:	Caven & Aghevli LLC																
Address Line 1:	C/O CPA Global																
Address Line 2:	PO Box 52050																
Address Line 4:	Minneapolis, MINNESOTA 55402																
ATTORNEY DOCKET NUMBER:	P39979																

CH \$40.00 13808595

NAME OF SUBMITTER:	Ramin Aghevli
Signature:	/Ramin Aghevli - Reg. No. 43,462/
Date:	07/22/2013
Total Attachments: 11 source=P39979_Executed Assignment#page1.tif source=P39979_Executed Assignment#page2.tif source=P39979_Executed Assignment#page3.tif source=P39979_Executed Assignment#page4.tif source=P39979_Executed Assignment#page5.tif source=P39979_Executed Assignment#page6.tif source=P39979_Executed Assignment#page7.tif source=P39979_Executed Assignment#page8.tif source=P39979_Executed Assignment#page9.tif source=P39979_Executed Assignment#page10.tif source=P39979_Executed Assignment#page11.tif	

ASSIGNMENT

WHEREAS, We, Vedaraman Geetha, residing at 2092 Arbutus Ct, Fremont, CA, US 94539, and Jeffrey D. Chamberlain, residing at 465 Cape Breton Lane, Tracy, CA, US 95377, and Salleesh Kottapalli, residing at 7150 Windcliff Lane, San Jose, CA, US 95138, and Ganesh Kumar, residing at 1421 Redberry Ct, Fort Collins, CO, US 80525, and Henk G. Neefs, residing at 2174 Williams Street, Palo Alto, CA, US 94306, and Neil J. Achtman, residing at 3600 Juliette Lane, Santa Clara, CA, US 95054, and Bongjin Jung, residing at 4 Sweetwood Circle, Westford, MA, US 01886, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on January 6, 2013, which application was assigned U.S. patent application serial number 13/808,595, and is entitled IMPROVING VALUE OF FORWARD STATE BY INCREASING LOCAL CACHING AGENT FORWARDING:

AND WHEREAS, Intel Corporation, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 2200 Mission College Blvd., Santa Clara, CA 95054 (hereinafter 'Assignee'), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

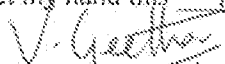
NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid

inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

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

IN TESTIMONY WHEREOF, I have hereunto set my hand this 24th day of May, 2013.



Vedaraman Geetha

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2013.

Jeffrey D. Chamberlain

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2013.

ASSIGNMENT

WHEREAS, We, Vedaraman Geetha, residing at 2092 Arbutus Ct, Fremont, CA, US 94539, and Jeffrey D. Chamberlain, residing at 465 Cape Breton Lane, Tracy, CA, US 95377, and Salleesh Kottapalli, residing at 7150 Windcliff Lane, San Jose, CA, US 95138, and Ganesh Kumar, residing at 1421 Redberry Ct, Fort Collins, CO, US 80525, and Henk G. Neefs, residing at 2174 Williams Street, Palo Alto, CA, US 94306, and Neil J. Achtman, residing at 3600 Juliette Lane, Santa Clara, CA, US 95054, and Bongjin Jung, residing at 4 Sweetwood Circle, Westford, MA, US 01886, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on January 6, 2013, which application was assigned U.S. patent application serial number 13/808,595, and is entitled IMPROVING VALUE OF FORWARD STATE BY INCREASING LOCAL CACHING AGENT FORWARDING:

AND WHEREAS, Intel Corporation, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 2200 Mission College Blvd., Santa Clara, CA 95054 (hereinafter 'Assignee'), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid

inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

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

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2013.

Vedaraman Geetha

IN TESTIMONY WHEREOF, I have hereunto set my hand this 12 day of June, 2013.



Jeffrey D. Chamberlain

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2013.

ASSIGNMENT

WHEREAS, We, Vedaraman Geetha, residing at 2092 Arbutus Ct, Fremont, CA, US 94539, and Jeffrey D. Chamberlain, residing at 465 Cape Breton Lane, Tracy, CA, US 95377, and Salleesh Kottapalli, residing at 7150 Windcliff Lane, San Jose, CA, US 95138, and Ganesh Kumar, residing at 1421 Redberry Ct, Fort Collins, CO, US 80525, and Henk G. Neefs, residing at 2174 Williams Street, Palo Alto, CA, US 94306, and Neil J. Achtman, residing at 3600 Juliette Lane, Santa Clara, CA, US 95054, and Bongjin Jung, residing at 4 Sweetwood Circle, Westford, MA, US 01886, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on January 6, 2013, which application was assigned U.S. patent application serial number 13/808,595, and is entitled IMPROVING VALUE OF FORWARD STATE BY INCREASING LOCAL CACHING AGENT FORWARDING:

AND WHEREAS, Intel Corporation, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 2200 Mission College Blvd., Santa Clara, CA 95054 (hereinafter 'Assignee'), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid

inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

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

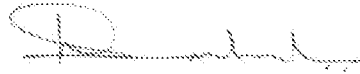
IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2013.

Vedaraman Geetha

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2013.

Jeffrey D. Chamberlain

IN TESTIMONY WHEREOF, I have hereunto set my hand this 13th day of June, 2013.



Sailesh Kottapalli

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2013.

Ganesh Kumar

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2013.

Henk G. Neefs

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2013.

Neil J. Achtman

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2013.

Bongjin Jung

Docket No: P39979
Serial Number: 13/808,595
Filing Date: January 6, 2013
Page 3 of 3

Sailesh Kottapalli

IN TESTIMONY WHEREOF, I have hereunto set my hand this 30th day of MAY, 2013.



Ganesh Kumar

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2013.

Henk G. Neefs

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2013.

Neil J. Achtman

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2013.

Bongjin Jung

Sailesh Kottapalli

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2013.

Ganesh Kumar

IN TESTIMONY WHEREOF, I have hereunto set my hand this 24 day of May, 2013.

Henk G. Neefs

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2013.

Neil J. Achtman

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2013.

Bongjin Jung

Sailesh Kottapalli

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2013.

Ganesh Kumar

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2013.

Henk G. Neefs

IN TESTIMONY WHEREOF, I have hereunto set my hand this 28 day of 5, 2013.

N/A

Neil J. Achtman

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2013.

Bongjin Jung

Sailesh Kottapalli

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2013.

Ganesh Kumar

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2013.

Henk G. Neefs

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 2013.

Neil J. Achtman

IN TESTIMONY WHEREOF, I have hereunto set my hand this 29 day of May, 2013.

Bongjin Jung

