

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>Kamran Etemad</td> <td>07/22/2013</td> </tr> <tr> <td>Yujian Zhang</td> <td>05/31/2013</td> </tr> <tr> <td>Huaning Niu</td> <td>05/29/2013</td> </tr> </tbody> </table>		Name	Execution Date	Kamran Etemad	07/22/2013	Yujian Zhang	05/31/2013	Huaning Niu	05/29/2013		
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<table border="1"> <tr> <td>Name:</td> <td>Intel Corporation</td> </tr> <tr> <td>Street Address:</td> <td>2200 Mission College Blvd.</td> </tr> <tr> <td>City:</td> <td>Santa Clara</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95054</td> </tr> </table>		Name:	Intel Corporation	Street Address:	2200 Mission College Blvd.	City:	Santa Clara	State/Country:	CALIFORNIA	Postal Code:	95054
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CORRESPONDENCE DATA											
<p>Fax Number: 6123328352 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: rbailey@cpaglobal.com</p> <p>Correspondent Name: Stoel Rives LLP</p> <p>Address Line 1: c/o CPA Global</p> <p>Address Line 2: PO Box 52050</p> <p>Address Line 4: Minneapolis, MINNESOTA 55402</p>											
ATTORNEY DOCKET NUMBER:	P49252										
NAME OF SUBMITTER:	Aaron D. Barker										
Signature:	/Aaron D. Barker/										
Date:	07/29/2013										

OP \$40.00 13719372

Total Attachments: 4

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PATENT

REEL: 030898 FRAME: 0049

ASSIGNMENT

WHEREAS, We, Kamran Etemad, residing at 10629 Beechknoll Lane, Potomac, MD 20854, and Yujian Zhang, residing at Room 312, Building 21., CAAS No. 12, ZhongGuanCunNanDaJie, Haidian district, Beijing, 100081, CHINA and Huaning Niu, residing at 1308 Knollview Drive, Milpitas, CA 95035, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on December 19, 2012, which application was assigned U.S. patent application serial number 13/719,372, and is entitled ENHANCED LOCAL COMMUNICATIONS IN MOBILE BROADBAND NETWORKS;

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 22nd day of July, 2013.



Kamran Etemad

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

Yujian Zhang

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

Huaning Niu

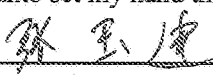
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IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____, 2013.

Kamran Etemad

IN TESTIMONY WHEREOF, I have hereunto set my hand this 31 day of May, 2013.



Yujian Zhang

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

Huaning Niu

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.

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

Kamran Etemad

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

Yujian Zhang

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

Huaning Niu