

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>Debdeep Chatterjee</td> <td>06/27/2012</td> </tr> <tr> <td>Kamran Etemad</td> <td>06/28/2012</td> </tr> <tr> <td>Rongzhen Yang</td> <td>06/26/2012</td> </tr> <tr> <td>Jong-Kae Fwu</td> <td>06/28/2012</td> </tr> <tr> <td>Apostolos Papathanassiou</td> <td>06/27/2012</td> </tr> </tbody> </table>		Name	Execution Date	Debdeep Chatterjee	06/27/2012	Kamran Etemad	06/28/2012	Rongzhen Yang	06/26/2012	Jong-Kae Fwu	06/28/2012	Apostolos Papathanassiou	06/27/2012
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Intel Corporation</td> </tr> <tr> <td>Street Address:</td> <td>2200 Mission College Boulevard</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>95052</td> </tr> </table>		Name:	Intel Corporation	Street Address:	2200 Mission College Boulevard	City:	Santa Clara	State/Country:	CALIFORNIA	Postal Code:	95052		
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CORRESPONDENCE DATA													
<p>Fax Number: (503)796-2900</p> <p>Phone: (503) 222-9981</p> <p>Email: alee@schwabe.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Schwabe, Williamson & Wyatt, P.C.</p> <p>Address Line 1: 1211 SW Fifth Avenue, Suite 1600</p> <p>Address Line 4: Portland, OREGON 97204</p>													
ATTORNEY DOCKET NUMBER:	111027-185698 / P44196												
NAME OF SUBMITTER:	Aileen Lee												

CH \$40.00 13536722

Total Attachments: 5

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A S S I G N M E N T

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged that the undersigned,

ASSIGNORS: Debdeep Chatterjee
Kamran Etemad
Rongzhen Yang
Jong-Kae Fwu
Apostolos Papathanassiou

hereby sell, assign, and transfer to

ASSIGNEE: Intel Corporation
2200 Mission College Boulevard
Santa Clara, California 95052

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 improvements that are disclosed in the application for the United States patent entitled:

UPLINK COORDINATED MULTI-POINT

(I hereby authorize and request my attorney, associated with Customer Number 0031817, to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on June 28, 2012 as
United States Application Number 13/536.722 and

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all 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 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 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 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

Attorney Docket No. 111027-185698
IPN: P44196

Patent

the intent and purpose of this Assignment, the undersigned will execute all 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 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 improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said 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.

Inventor: Please sign and date below:

06/27/2012 Debdeep Chatterjee
Date Name: Debdeep Chatterjee

Date Name: Kamran Etemad

Date Name: Rongzhen Yang

Date Name: Jong-Kae Fwu

06/27/2012 Apostolos Papathanassiou
Date Name: Apostolos Papathanassiou


Assignment Document Return Address:

Schwabe, Williamson & Wyatt, P.C.
Pacwest Center, Suite 1600
1211 SW Fifth Avenue
Portland, Oregon 97204
Telephone: 503-222-9981

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<i>June 26, 2012</i> Date	<i>Rongzhen Yang</i> Name: Rongzhen Yang
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..... Date Name: Apostolos Papathanassiou

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