

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>Andrew T. Forsyth</td> <td>12/16/2012</td> </tr> <tr> <td>Brian J. Hickmann</td> <td>12/03/2012</td> </tr> <tr> <td>Jonathan C. Hall</td> <td>12/19/2012</td> </tr> <tr> <td>Christopher J. Hughes</td> <td>12/03/2012</td> </tr> </tbody> </table>		Name	Execution Date	Andrew T. Forsyth	12/16/2012	Brian J. Hickmann	12/03/2012	Jonathan C. Hall	12/19/2012	Christopher J. Hughes	12/03/2012
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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 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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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>US2012071688</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US2012071688						
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PCT Number:	US2012071688										
CORRESPONDENCE DATA											
<p>Fax Number: 4087208383 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 408-720-8300</p> <p>Email: Intel_Foreign_Docs@bstz.com</p> <p>Correspondent Name: Blakely Sokoloff Taylor & Zafman LLP</p> <p>Address Line 1: 1279 Oakmead Parkway</p> <p>Address Line 4: Sunnyvale, CALIFORNIA 94085</p>											
ATTORNEY DOCKET NUMBER:	42P46740PCT										
NAME OF SUBMITTER:	Kevin G. Shao										
<p>Total Attachments: 5</p> <p>source=42P46740PCT_Assignment_12-27-12#page1.tif</p> <p>source=42P46740PCT_Assignment_12-27-12#page2.tif</p> <p>source=42P46740PCT_Assignment_12-27-12#page3.tif</p> <p>source=42P46740PCT_Assignment_12-27-12#page4.tif</p> <p>source=42P46740PCT_Assignment_12-27-12#page5.tif</p>											

CH \$40.00 US2012071688

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

Andrew T. FORSYTH; Brian J. HICKMANN; Jonathan C. HALL; Christopher J. HUGHES

hereby sell, assign, and transfer to:

Intel Corporation

a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California, 95052 USA ("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 and improvements that are disclosed in the International application entitled:

COALESCING ADJACENT GATHER/SCATTER OPERATIONS

(I hereby authorize and request my attorney, associated with Customer Number 45209, to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on December 26, 2012 as

International Application Number PCT/US12/71688 and

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

and in and to said International application and all related applications (e.g. national phase applications, divisional applications, continuation applications, reexaminations, reissues, and the like) that have been or shall be filed in the United States and/or all foreign countries on said inventions and improvements, as well as in and to all rights of priority resulting from the filing of said International application;

agree that said Assignee may apply for and receive a patent or patents for said inventions and 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 design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and

Attorney Docket No.: P46740PCT

improvements and for vesting title to said inventions and 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.



Andrew T. FORSYTH

12/16/12

(Today's Date)

Brian J. HICKMANN

(Today's Date)

Jonathan C. HALL

(Today's Date)

Christopher J. HUGHES

(Today's Date)

Attorney Docket No.: P46740PCT

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Andrew T. FORSYTH

(Today's Date)



Brian J. HICKMANN

12-3-2012

(Today's Date)

Jonathan C. HALL

(Today's Date)

Christopher J. HUGHES

(Today's Date)

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