

## PATENT ASSIGNMENT

Electronic Version v1.1  
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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>Keith Bowman</td> <td>11/25/2008</td> </tr> <tr> <td>James Tschanz</td> <td>11/18/2008</td> </tr> <tr> <td>Nam Sung Kim</td> <td>11/29/2008</td> </tr> <tr> <td>Janice Lee</td> <td>11/18/2008</td> </tr> <tr> <td>Chris Wilkerson</td> <td>11/18/2008</td> </tr> <tr> <td>Shih-Lien L. Lu</td> <td>11/18/2008</td> </tr> <tr> <td>Tanay Karnik</td> <td>11/18/2008</td> </tr> <tr> <td>Vivek De</td> <td>11/17/2008</td> </tr> </tbody> </table>		Name	Execution Date	Keith Bowman	11/25/2008	James Tschanz	11/18/2008	Nam Sung Kim	11/29/2008	Janice Lee	11/18/2008	Chris Wilkerson	11/18/2008	Shih-Lien L. Lu	11/18/2008	Tanay Karnik	11/18/2008	Vivek De	11/17/2008
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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: 5034396073  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 503-439-8778        Email: katherine_campbell@bstz.com        Correspondent Name: Usman A. Mughal        Address Line 1: 1279 Oakmead Parkway        Address Line 4: Sunnyvale, CALIFORNIA 94085-4040</p>																			
ATTORNEY DOCKET NUMBER:	42P27155C																		

CH \$40.00 13664153

NAME OF SUBMITTER:

Usman A. Mughal

**Total Attachments: 8**

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Attorney Docket No.: P27155

**ASSIGNMENT**

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

**Keith Bowman; James Tschanz; Nam Sung Kim; Janice Lee; Chris Wilkerson;  
Shih-Lien L. Lu; Tanay Karnik and Vivek De**  
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 application for the United States patent entitled:

**SEQUENTIAL CIRCUIT WITH ERROR DETECTION**

(I hereby authorize and request my attorney, associated with Customer Number 59796, to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on October 30, 2012 as  
United States Application Number 13,664,153 , 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 design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority resulting from the filing of said United States applications;

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 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

**INTEL CORPORATION  
LCA/PAL FORMS**

**Attorney Docket No.: P27155**

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.

Keith A. Bowman 11-25-08  
Keith Bowman (Today's Date)

James Tachanz 11/18/08  
James Tachanz (Today's Date)

Nam Sung Kim \_\_\_\_\_  
Nam Sung Kim (Today's Date)

Jahice Lee \_\_\_\_\_  
Jahice Lee (Today's Date)

Chris Wilkerson 11/18/08  
Chris Wilkerson (Today's Date)

Shih-Lien L. Lu 11/18/08  
Shih-Lien L. Lu (Today's Date)

Tanav Karnik 11/18/08  
Tanav Karnik (Today's Date)

Vivek De \_\_\_\_\_  
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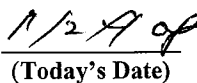
\_\_\_\_\_  
**Keith Bowman**

\_\_\_\_\_  
(Today's Date)

\_\_\_\_\_  
**James Tschanz**

\_\_\_\_\_  
(Today's Date)

  
**Nam Sung Kim**

  
(Today's Date)

\_\_\_\_\_  
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\_\_\_\_\_  
(Today's Date)

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(Today's Date)

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**Tanay Karnik**

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**Vivek De**

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LCA/PAL FORMS**

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Keith Bowman

(Today's Date)

James Tschanz

(Today's Date)

Nam Sung Kim

(Today's Date)

Janice Lee

November 18, 2008

Janice Lee

(Today's Date)

Chris Wilkerson

(Today's Date)

Shih-Lien L. Lu

(Today's Date)

Tanay Karnik

(Today's Date)

Vivek De

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Vivek De 11/17/08  
(Today's Date)