

## 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>Steven S. CHANG</td> <td>03/22/2012</td> </tr> <tr> <td>Anshuman THAKUR</td> <td>03/28/2012</td> </tr> <tr> <td>Ramacharan SUNDARARAMAN</td> <td>03/30/2012</td> </tr> <tr> <td>Ramon MATAS</td> <td>04/01/2012</td> </tr> <tr> <td>Jay S. LAWLOR</td> <td>05/24/2012</td> </tr> <tr> <td>Robert F. NETTING</td> <td>03/29/2012</td> </tr> </tbody> </table>		Name	Execution Date	Steven S. CHANG	03/22/2012	Anshuman THAKUR	03/28/2012	Ramacharan SUNDARARAMAN	03/30/2012	Ramon MATAS	04/01/2012	Jay S. LAWLOR	05/24/2012	Robert F. NETTING	03/29/2012
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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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<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>PCT Number:</td> <td>US2011067895</td> </tr> </tbody> </table>		Property Type	Number	PCT Number:	US2011067895										
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PCT Number:	US2011067895														
CORRESPONDENCE DATA															
<p>Fax Number: (408)720-8383          Phone: (408) 720-8300          Email: caitlin_crabtree@bstz.com  <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: BLAKELY SOKOLOFF TAYLOR &amp; ZAFMAN, LLP          Address Line 1: 1279 Oakmead Parkway          Address Line 4: Sunnyvale, CALIFORNIA 94085</p>															
ATTORNEY DOCKET NUMBER:	P38523PCT														

NAME OF SUBMITTER:

David F. Nicholson, Reg. No. 62,888

**Total Attachments: 7**

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## **ASSIGNMENT**

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

**STEVEN S. CHANG; ANSHUMAN THAKUR; RAMACHARAN SUNDARARAMAN;  
RAMON MATAS; JAY S. LAWLOR; ROBERT F. NETTING**

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:

### **ADVANCED PROGRAMMABLE INTERRUPT CONTROLLER IDENTIFIER (APIC ID) ASSIGNMENT FOR A MULTI-CORE PROCESSING UNIT**

(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 29, 2011 as

International Application Number PCT/US2011/067895 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.: P38523PCT**

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.

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STEVEN S. CHANG

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(Today's Date)

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ANSHUMAN THAKUR

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(Today's Date)

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RAMACHARAN SUNDARARAMAN

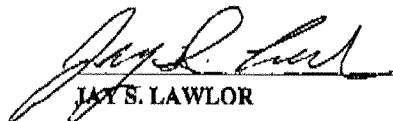
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(Today's Date)

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RAMON MATAS

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(Today's Date)  
JAY S. LAWLOR

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5-24-12  
(Today's Date)

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ROBERT F. NETTING

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(Today's Date)

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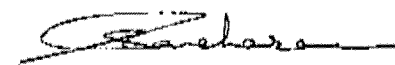
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(Today's Date)

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ANSHUMAN THAKUR

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(Today's Date)

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RAMACHARAN SUNDARARAMAN

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03/30/2012  
(Today's Date)

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RAMON MATAS

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(Today's Date)

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JAY S. LAWLOR

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ROBERT F. NETTING

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**STEVEN S. CHANG**

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(Today's Date)

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**ANSHUMAN THAKUR**

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(Today's Date)

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**RAMACHARAN SUNDARARAMAN**

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

  
\_\_\_\_\_  
**RAMON MATAS**

4/11/2012  
(Today's Date)

\_\_\_\_\_  
**JAY S. LAWLOR**

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

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**ROBERT F. NETTING**

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STEVEN S. CHANG

3/22/2012  
(Today's Date)

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ANSHUMAN THAKUR

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(Today's Date)

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RAMACHARAN SUNDARARAMAN

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STEVEN S. CHANG

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(Today's Date)

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ANSHUMAN THAKUR

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3/28/12

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(Today's Date)

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RAMACHARAN SUNDARARAMAN

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03/29/2012  
(Today's Date)