

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																		
NATURE OF CONVEYANCE:	ASSIGNMENT																		
<b>CONVEYING PARTY DATA</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 70%; padding: 5px;">Name</th> <th style="width: 30%; padding: 5px;">Execution Date</th> </tr> </thead> <tbody> <tr><td style="padding: 5px;">Lihu Rappoport</td><td style="padding: 5px;">01/11/2009</td></tr> <tr><td style="padding: 5px;">Chen Koren</td><td style="padding: 5px;">01/11/2009</td></tr> <tr><td style="padding: 5px;">Franck Sala</td><td style="padding: 5px;">01/11/2009</td></tr> <tr><td style="padding: 5px;">Oded Lempel</td><td style="padding: 5px;">01/11/2009</td></tr> <tr><td style="padding: 5px;">Ido Ouziel</td><td style="padding: 5px;">01/11/2009</td></tr> <tr><td style="padding: 5px;">Ron Gabor</td><td style="padding: 5px;">01/11/2009</td></tr> <tr><td style="padding: 5px;">Gregory Pribush</td><td style="padding: 5px;">01/14/2009</td></tr> <tr><td style="padding: 5px;">Lior Libis</td><td style="padding: 5px;">01/11/2009</td></tr> </tbody> </table>		Name	Execution Date	Lihu Rappoport	01/11/2009	Chen Koren	01/11/2009	Franck Sala	01/11/2009	Oded Lempel	01/11/2009	Ido Ouziel	01/11/2009	Ron Gabor	01/11/2009	Gregory Pribush	01/14/2009	Lior Libis	01/11/2009
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<b>RECEIVING PARTY DATA</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <tr><td style="width: 20%; padding: 5px;">Name:</td><td style="padding: 5px;">Intel Corporation</td></tr> <tr><td style="padding: 5px;">Street Address:</td><td style="padding: 5px;">2200 Mission College Blvd</td></tr> <tr><td style="padding: 5px;">City:</td><td style="padding: 5px;">Santa Clara</td></tr> <tr><td style="padding: 5px;">State/Country:</td><td style="padding: 5px;">CALIFORNIA</td></tr> <tr><td style="padding: 5px;">Postal Code:</td><td style="padding: 5px;">95052</td></tr> </table>		Name:	Intel Corporation	Street Address:	2200 Mission College Blvd	City:	Santa Clara	State/Country:	CALIFORNIA	Postal Code:	95052								
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<b>PROPERTY NUMBERS Total: 1</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 30%; padding: 5px;">Property Type</th> <th style="padding: 5px;">Number</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Application Number:</td> <td style="padding: 5px;">12326882</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12326882														
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<b>CORRESPONDENCE DATA</b> <p style="margin-top: 10px;">Fax Number: (612)332-8352</p> <p style="margin-top: 5px;"><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p style="margin-top: 5px;">Phone: 612-977-1168</p> <p style="margin-top: 5px;">Email: docketing@cpaglobal.com</p> <p style="margin-top: 5px;">Correspondent Name: Darcy Kobylarczyk</p> <p style="margin-top: 5px;">Address Line 1: 900 Second Ave South</p> <p style="margin-top: 5px;">Address Line 2: Suite 1560</p> <p style="margin-top: 5px;">Address Line 4: Minneapolis, MINNESOTA 55402</p>																			

CH \$40.00 12326882

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**PATENT**  
**REEL: 022260 FRAME: 0889**

ATTORNEY DOCKET NUMBER:	P29553 (59926)
NAME OF SUBMITTER:	Darcy Kobylarczyk
Total Attachments: 2 source=P29953_ASSIGNMENT#page1.tif source=P29953_ASSIGNMENT#page2.tif	

## **ASSIGNMENT**

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

**Lihu Rappoport, Chen Koren, Franck Sala, Oded Lempel, Ido Ouziel,  
Ron Gabor, Gregory Pribush, and Lior Libis**

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:

### **METHOD AND APPARATUS FOR INCLUSION OF TLB ENTRIES IN A MICRO-OP CACHE OF A PROCESSOR**

(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 December 2, 2008 as  
United States Application Number 12/326,882 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**

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.

Lihu Rappoport 11-Jan-09  
Lihu Rappoport (Today's Date)

[Signature] 11/01/09  
Chen Koren (Today's Date)

FRANCK SALA 11-Jan-09  
Franck Sala (Today's Date)

[Signature] 11.1.09  
Oded Lempel (Today's Date)

Ido Ouziel 11-Jan-09  
Ido Ouziel, (Today's Date)

Ron Gabor 11-Jan-09  
Ron Gabor (Today's Date)

[Signature] 14.01.2009  
Gregory Pribush (Today's Date)

[Signature] 11-Jan-09  
Lior Libis (Today's Date)