

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>Larisa Novakovsky</td> <td>04/04/2013</td> </tr> <tr> <td>Joseph Nuzman</td> <td>04/04/2013</td> </tr> <tr> <td>Alexander Gendler</td> <td>04/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	Larisa Novakovsky	04/04/2013	Joseph Nuzman	04/04/2013	Alexander Gendler	04/04/2013		
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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>95054</td> </tr> </table>		Name:	Intel Corporation	Street Address:	2200 Mission College Boulevard	City:	Santa Clara	State/Country:	CALIFORNIA	Postal Code:	95054
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
Fax Number: 5123912173 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 512.236.2023 Email: rdewanipdocket@jw.com Correspondent Name: Jackson Walker L.L.P. Address Line 1: 100 Congress Avenue Address Line 2: Suite 1100 Address Line 4: Austin, TEXAS 78701											
ATTORNEY DOCKET NUMBER:	P45643 (JW002)										
NAME OF SUBMITTER:	Mindy Mayer										
Signature:	/mindy mayer/										

Date:

06/17/2013

Total Attachments: 2

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ASSIGNMENT

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

**LARISA NOVAKOVSKY
JOSEPH NUZMAN
ALEXANDER GENDLER**

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:

ADAPTIVE HIERARCHICAL CACHE POLICY IN A MICROPROCESSOR

which was filed on March 15, 2013 as United States Application Number 13/843,315;

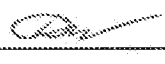
which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

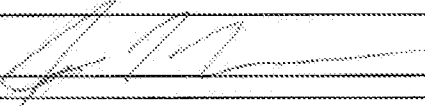
and in and to said application and all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and 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

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.

NAME OF FIRST INVENTOR	LARISA NOVAKOVSKY
SIGNATURE OF FIRST INVENTOR	
DATE	4.04.2012

NAME OF SECOND INVENTOR	JOSEPH NUZMAN
SIGNATURE OF SECOND INVENTOR	
DATE	4-4-2015

NAME OF THIRD INVENTOR	ALEXANDER GENDLER
SIGNATURE OF THIRD INVENTOR	4/4/2012
DATE	09/12