

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>Tor A. Aamodt</td><td>11/20/2003</td></tr><tr><td>Hong Wang</td><td>12/11/2003</td></tr><tr><td>Per Hammarlund</td><td>10/15/2003</td></tr><tr><td>John P. Shen</td><td>12/18/2003</td></tr><tr><td>Steve Shih-wei Liao</td><td>12/15/2003</td></tr><tr><td>Perry H. Wang</td><td>12/15/2003</td></tr></tbody></table>	Name	Execution Date	Tor A. Aamodt	11/20/2003	Hong Wang	12/11/2003	Per Hammarlund	10/15/2003	John P. Shen	12/18/2003	Steve Shih-wei Liao	12/15/2003	Perry H. Wang	12/15/2003	
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Perry H. Wang	12/15/2003														
RECEIVING PARTY DATA															
Name:	Intel Corporation														
Street Address:	2200 Mission College Blvd														
City:	Santa Clara														
State/Country:	CALIFORNIA														
Postal Code:	95052														
PROPERTY NUMBERS Total: 1															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10658072</td></tr></tbody></table>	Property Type	Number	Application Number:	10658072											
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Application Number:	10658072														
CORRESPONDENCE DATA															
Fax Number:	(612)332-8352														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
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Email:	dkobylarczyk@intellevate.com														
Correspondent Name:	Darcy Kobylarczyk														
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ATTORNEY DOCKET NUMBER:	42P15448														
NAME OF SUBMITTER:	Darcy Kobylarczyk														

CH \$40.00 10658072

PATENT

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REEL: 020681 FRAME: 0410

Total Attachments: 4

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PATENT

REEL: 020681 FRAME: 0411

ASSIGNMENT

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

**Tor M. Aamodt; Hong Wang; Per Hammarlund; John P. Shen; Steve Shih-wei Liao;
Perry H. Wang**

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 filed on September 8, 2003, and assigned Application No. 10/658,072 and is entitled:

METHOD AND APPARATUS FOR EFFICIENT RESOURCE UTILIZATION FOR PRESCIENT INSTRUCTION PREFETCH


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 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

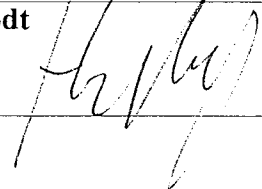
covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

20 Nov / 03
Date


Name: **Tor M. Aamodt**


12/11/03
Date


Name: **Hong Wang**

Date

Name: **Per Hammarlund**

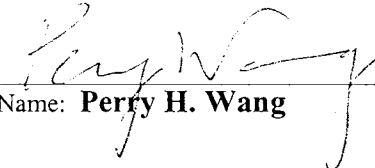
12/18/03
Date


Name: **John P. Shen**

12/15/03
Date


Name: **Steve Shih-wei Liao**

12-15-03
Date


Name: **Perry H. Wang**

Date

Name:

Date

Name:

Date

Name:

Date

Name:

Date

Name:

Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Blvd., Seventh Floor
Los Angeles, CA 90025-1026
Telephone: (503) 684-6200

ASSIGNMENT

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

**Tor M. Aamodt; Hong Wang; Per Hammarlund; John P. Shen; Steve Shih-wei Liao;
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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 filed on September 8, 2003, and assigned Application No. 10/658,072 and is entitled:

METHOD AND APPARATUS FOR EFFICIENT RESOURCE UTILIZATION FOR PRESCIENT INSTRUCTION PREFETCH

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 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.

Each Inventor: Please Sign and Date Below:

Date _____ Name: **Tor M. Aamodt**

Date _____ Name: **Hong Wang**

2003-10-15
Date


Name: **Per Mattmarlund**

Date _____ Name: **John P. Shen**

Date _____ Name: **Steve Shih-wei Liao**

Date _____ Name: **Perry H. Wang**

Date _____ Name: _____

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