


FORM PTO-1595 (Rev. 10/02) OMD No. 0651-0011 (exp. 6/30/2005)		Recordation Form Cover Sheet <b>PATENTS ONLY</b>		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): Edward T. Grochowski; Hong Wang; John P. Shen; Perry H. Wang; Jamison D. Collins; James P. Held; Partha Kundu; Raya Leviathan; Tin-Fook Ngai		2. Name and address of receiving party(ies): Name: <u>Intel Corporation</u>			
Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		Internal Address: _____ Street Address: <u>2200 Mission College Boulevard</u>			
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____		City: <u>Santa Clara</u> State: <u>CA</u> Zip: <u>95052</u> Country: <u>USA</u>			
Execution Date: <u>8-5-04, 8-17-04, 8-5-04, 8-5-04, 8-5-04,</u> <u>8-6-04, 8-5-04, 8-16-04, 8-13-04</u>		Additional name(s) & address(es) attached? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____					
A. Patent Application No.(s)  <u>10/816,103</u>			B. Patent No.(s) _____ _____ _____ _____		
Additional numbers attached? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes					
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: <u>Blakely, Sokoloff, Taylor &amp; Zafman LLP</u>  Internal Address: _____  Street Address: <u>12400 Wilshire Boulevard</u> <u>7th Floor</u>  City: <u>Los Angeles</u> State: <u>CA</u> ZIP: <u>90025</u>			6. Total number of applications and patents involved: <u>1</u>		
			7. Total Fee (37 CFR 3.41).....\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account		
			8. Deposit Account Number: <u>02-2666</u> (Attach duplicate copy of this page if paying by deposit account)		
DO NOT USE THIS SPACE					
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.</i>					
<u>Michael J. Mallie</u> Name of Person Signing		 Signature		<u>8/17/04</u> Date	
Total number of pages including cover sheet, attachments, and document: <u>7</u>					

Mail documents to be recorded with required cover sheet information to:  
Mail Stop Assignment Recordation Services  
Director of the US Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

Docket No. 42P18305

700107816

PATENT  
REEL: 015070 FRAME: 0278

CH \$40.00 022666 10816103

Attorney's Docket No.: 42P18305

**ASSIGNMENT**

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

**Edward T. Grochowski; Hong Wang; John P. Shen; Perry H. Wang; Jamison D. Collins; Jim  
Held; Partha Kundu; Raya Leviathan; Tin-Fook Ngai**

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 a United States patent filed on March 31, 2004, and assigned Application No. 10/816,103 and is entitled:

**A Method And System To Provide User-Level Multithreading**

and in and to said application and all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, 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;

we 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 and file all utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on said inventions and improvements; execute all rightful oaths, assignments, power of attorney, and other papers; confirm 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, other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

8-5-04  
Date Name: Edward T. Grochowski

Date Name: Hong Wang

8-5-04  
Date Name: John P. Shen

8-5-04  
Date Name: Perry H. Wang

8-5-04  
Date Name: Jamison D. Collins

Date Name: Jim Held

8/5/04  
Date Name: Partha Kundu

Date Name: Raya Leviathan

Date Name: Tin-Fook Ngai


Date Name:

Date Name:

Assignment Document Return Address:  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
12400 Wilshire Boulevard, 7th Floor  
Los Angeles, CA 90025  
Telephone: (408) 947-8200

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

Each Inventor: Please Sign and Date Below:

Date	Name: Edward T. Grochowski
8/17/2004	
Date	Name: Hong Wang
Date	Name: John P. Shen
Date	Name: Perry H. Wang
Date	Name: Jamison D. Collins
Date	Name: Jim Held
Date	Name: Partha Kundu
Date	Name: Raya Leviathan
Date	Name: Tin-Fook Ngai
Date	Name:
Date	Name:

Assignment Document Return Address:  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
12400 Wilshire Boulevard, 7th Floor  
Los Angeles, CA 90025  
Telephone: (408) 947-8200

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

**Each Inventor: Please Sign and Date Below:**

Date \_\_\_\_\_ Name: **Edward T. Grochowski**

Date \_\_\_\_\_ Name: **Hong Wang**

Date \_\_\_\_\_ Name: **John P. Shen**

Date \_\_\_\_\_ Name: **Perry H. Wang**

Date \_\_\_\_\_ Name: **Jamison D. Collins**

Date 8/6/2004 Name: ~~Jim Held~~  **James P. Held**

Date \_\_\_\_\_ Name: **Partha Kundu**

Date \_\_\_\_\_ Name: **Raya Leviathan**

Date \_\_\_\_\_ Name: **Tin-Fook Ngai**

Date \_\_\_\_\_ Name: \_\_\_\_\_

Date \_\_\_\_\_ Name: \_\_\_\_\_

Assignment Document Return Address:  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
12400 Wilshire Boulevard, 7th Floor  
Los Angeles, CA 90025  
Telephone: (408) 947-8200

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

Each Inventor: Please Sign and Date Below:

Date \_\_\_\_\_ Name: **Edward T. Grochowski**

Date \_\_\_\_\_ Name: **Hong Wang**

Date \_\_\_\_\_ Name: **John P. Shen**

Date \_\_\_\_\_ Name: **Perry H. Wang**

Date \_\_\_\_\_ Name: **Jamison D. Collins**

Date \_\_\_\_\_ Name: **Jim Ifeld**

Date \_\_\_\_\_ Name: **Partha Kundu**

16/08/04 \_\_\_\_\_ *Raya Leviathan*  
Date \_\_\_\_\_ Name: **Raya Leviathan**

Date \_\_\_\_\_ Name: **Tin-Fook Ngai**

Date \_\_\_\_\_ Name: \_\_\_\_\_

Date \_\_\_\_\_ Name: \_\_\_\_\_

Assignment Document Return Address:  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
12400 Wilshire Boulevard, 7th Floor  
Los Angeles, CA 90025  
Telephone: (408) 947-8200

-04: 1: 50AM;

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

Each Inventor: Please Sign and Date Below

Date	Name: <b>Edward T. Grochowski</b>
Date	Name: <b>Hong Wang</b>
Date	Name: <b>John P. Shen</b>
Date	Name: <b>Perry H. Wang</b>
Date	Name: <b>Jamison D. Collins</b>
Date	Name: <b>Jim Held</b>
Date	Name: <b>Partha Kundu</b>
Date	Name: <b>Raya Leviathan</b>
Date: <i>August 13, 2004</i>	Name: <i>Tin-Hook Ngai</i>
Date	Name:
Date	Name:

Assignment Document Return Address:  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
12400 Wilshire Boulevard, 7th Floor  
Los Angeles, CA 90025  
Telephone: (408) 947-8200