11-17-2004



(Rev 10/02)	Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks. Plea		
Name of conveying party(ies):	2. Name and address of receiving party(ies):	
Ling Cen	Name: Intel Corporation	
Additional name(s) of conveying party(ies) attached? ☑ No ☐ Yes	Internal Address: Street Address: 2200 Mission College Boulevard	
	Offeet Address. 2200 Mission Conege Boulevard	
3. Nature of Conveyance:		
Assignment Merger	City: Santa Clara State: CA Zip: 95052	
☐ Security Agreement ☐ Change of Name	City. Danta Clara State. CA 21p. 25032	
☐ Other	Country: USA	
Execution Date: 11/9/2004	Additional name(s)& address(es) attached? ☑ No ☐ Yes	
Application number(s) or patent number(s): If this document is being filed together with a new application	n, the execution date of the application is:	
A. Patent Application No.(s)	B. Patent No.(s)	
10/833963		
Additional numbers att	ached? No Yes	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Blakely, Sokoloff, Taylor & Zafman LLP	7. Total Fee (37 CFR 3.41)\$ 40.00	
Internal Address:	 ☑ Enclosed ☐ Authorized to be charged to deposit account 	
Street Address: 12400 Wilshire Boulevard		
7th Floor	8. Deposit Account Number:	
7/D: 0005	02-2666	
City: Los Angeles State: CA ZIP: 90025	(Attach duplicate copy of this page if paying by deposit account)	
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9. Statement and signature. To the best of my knowledge and belief, the foregoing is true and and a signature. To the best of my knowledge and belief, the foregoing is true and a signature.	nd correct and any attached copy is a true copy of the original documen	
11/16/2004 ETON11 00000055 10833963		
01 FC:8021 40.00/0P	WM	
Gregory D. Caldwell	November 10, 2004	
Name of Person Signing	Signature Date	
Total number of pages including cover s	heet, attachments, and document:	

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. 42P15925

Attorney's Docket No.: 42P15925

ASSIGNMENT

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

Ling Cen

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 April 27, 2004, and assigned Application No. 10/833963 and is entitled:

A TWO-HOP CACHE COHERENCY PROTOCOL

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, power 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

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PATENT REEL: 015979 FRAME: 0937 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.

11/09/0	y Sid	
Dato	Name: Ling Cen	
Date	Name:	
Date	Name:	
Date	Name:	·
Date	Name:	
Date	Name:	
Date	Name:	
Date	Name:	-

Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LIP
12400 Wilshire Boulevard, 7th Floor
Los Angeles, CA 90025
Telephone: (503) 439-8778

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RECORDED: 11/15/2004