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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Steven K. Hsu
Ram Krishnamurthy

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: Intel Corporation
Internal Address: _____

Street Address: 2200 Mission College Blvd

City: Santa Clara State: CA Zip: 95052
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: 3/14/02

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)
10/033,337
B. Patent No.(s)

Additional numbers attached? Yes No

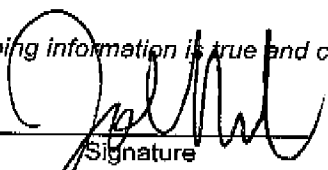
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Name: _____
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Street Address: Blakely Sokoloff Taylor & Zafman LLP
12400 Wilshire Boulevard, Seventh Floor
City: Los Angeles State: California Zip: 90025-1030

6. Total number of applications and patents involved:
7. Total fee (37 CFR 3.41)\$ 40.00
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.
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Attorney's Docket

ASSIGNMENT

PATENT

No.: 42390.P12624 (For Execution After Filing Patent Application)

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

the undersigned, Steven K. Hsu, Ram Krishnamurthy

hereby sell, assign, and transfer to Intel Corporation

a corporation of Delaware, having a principal place of business at

2200 Mission College Blvd, Santa Clara California 95052, ("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 improvements that are disclosed in the application for the United States patent that was filed December 26, 2001 and assigned Application No. 10/033,337 and is entitled

ACTIVE LEAKAGE CONTROL IN SINGLE-ENDED FULL-SWING CACHES

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said 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 divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said 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.

Date: March 14, 20 02 [Signature]

Name: Steven K. Hsu

Date: March 14, 20 02 [Signature]

Name: Ram Krishnamurthy

Date: _____, 20 ____
Name: _____

Date: _____, 20 ____
Name: _____

Date: _____, 20 ____
Name: _____

Date: _____, 20 ____
Name: _____

Assignment Document Return Address:
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