

Form PTO-1595 (Rev. 10/02) **RECORDATION FORM COVER SHEET PATENTS ONLY** U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 6/30/2005)

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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):
 Sailesh Kottapalli
 Richard W. Goe
 Youngsoo Choi

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 Boulevard

 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: December 17, 2003

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) 10/739,686
 B. Patent No.(s) _____

 Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Blakely, Sokoloff, Taylor & Zafman LLP
 Internal Address: Dennis A. Nicholls

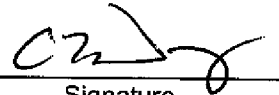
 Street Address: 12400 Wilshire Boulevard
 7th Floor
 City: Los Angeles State: CA Zip: 90025-1030

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:
 02-2666

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9. Signature.
 Chui-kiu Teresa Wong, Reg. No. 48,042
 Name of Person Signing  Signature August 26, 2004 Date

Total number of pages including cover sheet, attachments, and documents: 3

CH \$40.00 022666 10739686

Attorney's Docket

ASSIGNMENT**PATENT**No.: 42P18227 (For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We, the undersigned, Sailesh Kottapalli, Richard W. Goe, and Youngsoo Choi,

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, CA 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 has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled

METHOD AND APPARATUS FOR RESULTS SPECULATION
UNDER RUN-AHEAD EXECUTION,

and which was assigned in due course patent application serial number

10/739,686 by the U.S. Patent and Trademark Office (serial number to be entered in the future when received from USPTO)


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

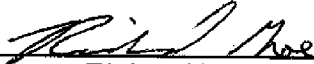
covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is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

Each Inventor: Please Sign and Date Below:

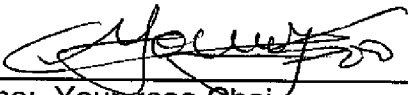
15th Dec, 2003
Date


Name: Sailesh Kottapalli

Dec 17, 2003
Date


Name: Richard W. Goe

12/17, 2003
Date


Name: Youngsoo Choi

Each Inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY:

15th Dec, 2003
Date

Dec 17, 2003
Date

12/17, 2003
Date