

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)

Tab settings ⇌ ⇌ ⇌ ▼ ▼ ▼ ▼ ▼ ▼ ▼

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

1. Name of conveying party(ies):
Subramaniam Maiyuran
Peter J. Smith
Niranjan L. Cooray
Asim Nisar
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: January 12, 2004

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) 10/646,033

Additional numbers attached? Yes No

B. Patent No.(s) _____


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

8. Deposit account number:
02-2666

DO NOT USE THIS SPACE

9. Signature.
Chui-kiu Teresa Wong, Reg. No. 48,042  August 25, 2004
Name of Person Signing Signature Date

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

CH \$40.00 022666 10646033

Attorney's Docket

ASSIGNMENT**PATENT**No.: 42P17021 (For Execution After Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We, the undersigned, Subramaniam Maiyuran, Peter J. Smith,

Niranjana L. Cooray, and Asim Nisar,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 was filed 22 August 2003 and assigned Application No. 10/646,033 and is entitled

METHOD AND APPARATUS FOR A TRACE CACHE TRACE-END PREDICTOR.

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: 12/12/, 2003

S. Maiyuran
Name: Subramaniam Maiyuran

Date: December 19, 2003

Peter J. Smith
Name: Peter J. Smith

Date: 12/23/, 2003

Niran L. Cooray
Name: Niran L. Cooray

Date: Jan 12 2004, 2004

Asim Nisar
Name: Asim Nisar