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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

1.2.03

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

1. Name of conveying party(ies): 1. William R. Headley 2. Mario J. Paniccia Additional name(s) of conveying party(ies) attached? No Yes

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

3. Nature of Conveyance Assignment Merger Security Agreement Change of Name Other: Execution Date(s): 1. December 5, 2002 2. December 5, 2002

Street Address: 2200 Mission College Blvd. City: Santa Clara State/Providence: CA Zip: 95052 Country: USA Additional name(s) & address(es) attached? No

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: December 5, 2002 A. Patent Application No.(s) 10/335796 Additional numbers attached? No

B. Patent No.(s) 6. Total number of applications and patents involved: 1

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Blakely, Sokoloff, Taylor & Zafman LLP Internal Address: James Y. Go Street Address: 12400 Wilshire Boulevard, 7th Floor City: Los Angeles State: California Zip: 90025

7. Total Fee (37 CFR 3.41).....\$40.00 Enclosed Authorized to be charged to deposit account 8. Deposit Account Number: 02-2666 (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 believe, the foregoing is true and correct and any attached copy is a true copy of the original document

James Y. Go; Reg. No.: 40,621 Name of Person Signing

Signature

1-2-03 Date

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

Mail documents to be recorded with required cover sheet information to: Assistant Commissioner of Patents, Box Assignments Washington, D.C. 20231

Atty Docket No. 42P15132

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PATENT REEL: 013642 FRAME: 0430

No.: 42P15132

(For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We,
the undersigned, William R. Headley and Mario J. Paniccia,
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 has been executed by
the undersigned prior hereto or concurrently herewith on the dates indicated below and
METHOD AND APPARATUS FOR PREPARING A PLURALITY OF DICE IN WAFERS

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:

Dec 5, 2002
Date

William R. Headley
Name: William R. Headley

Dec 5, 2002
Date

Mario J. Paniccia
Name: Mario J. Paniccia

_____, 2002
Date

_____, 2002
Date

_____, 2002
Date

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

Dec 5, 2002
Date

Dec 5, 2002
Date

_____, 2002
Date

_____, 2002
Date

Assignment Document Return Address:
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