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

12.16.04

1. Name of conveying party(ies):
Rajiv K. Mongia
Himanshu Pokharna
Eric DiStefano

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

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Street Address: 2200 Mission College Blvd.

City: Santa Clara State: CA Zip: 95052

Execution Date: See Attached

Additional name(s) & address(es) attached? Yes No

17541 U.S. PTO
11/014592

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: See Attached

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Patrick J. Buckley

Internal Address: Buckley, Maschoff & Talwalkar LLC

Street Address: Five Elm Street

City: New Canaan State: CT Zip: 06840

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41). \$ 40.00

Enclosed - Credit Card Authorization Form

Authorized to be charged to deposit account

8. Deposit account number: _____

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

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.

Patrick J. Buckley

Patrick Buckley

December 16, 2004

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to:

MS Assignment Recordation Services, Director of the US Patent and Trademark Office
PO Box 1450, Alexandria, VA 22313-1450

**ASSIGNMENT RECORDATION COVER SHEET
ATTACHMENT FOR ADDITIONAL INFORMATION**

1. <u>Name of Conveying Parties</u>	<u>Assignment Execution Date</u>
Rajiv K. Mongia	December 6, 2004
Himanshu Pokharna	December 13, 2004
Eric DiStefano	December 13, 2004

4. If this document is being filed together with a new application, the execution date of the application is:

<u>Inventor</u>	<u>Application Execution Date</u>
Rajiv K. Mongia	December 6, 2004
Himanshu Pokharna	December 13, 2004
Eric DiStefano	December 13, 2004

ASSIGNMENT OF RIGHTS, TITLE AND INTEREST IN INVENTION

This is an Assignment of the following rights, title and interest: *(check all that apply)*

- United States of America rights, title and interest in the invention
- Foreign rights, title and interest in the invention
- United States Patent Application Serial No.:

Date of Execution:

Date of Filing: herewith

TITLE OF THE INVENTION:

**INTEGRATED CIRCUIT COOLANT MICROCHANNEL WITH
MOVABLE PORTION**

Inventors (*assignors*)

Name	Address
Rajiv K. Mongia	21086 Galice Lane, Portland, OR 97229
Himanshu Pokharna	439 Camille Circle Unit 13, San Jose, CA 95134
Eric DiStefano	1535 Frankfurt Way, Livermore, CA 94550

Assignee

Name	Address
Intel Corporation	2200 Mission College Blvd., Santa Clara, CA 95052 US

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to **Intel Corporation**, 2200 Mission College Blvd., Santa Clara, CA 95052 US;

INTEL Docket No.: P20339
(BMT Ref. No.: I06.321)

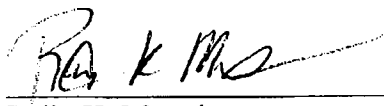
Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for our aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures

<u>06-06-2004</u> Date	 _____ Rajiv K. Mongia
_____ Date	_____ Pokharna Himanshu
_____ Date	_____ Eric DiStefano

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for our aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.


Inventors' Signatures

Date

12/13/04
Date

12/13/04
Date

Rajiv K. Mongia


Himanshu Pokharna


Eric DiStefano