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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):

Tiehan Lu
Jorge E. Cavledes
Walid Ali

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

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

Execution Date: March 23, 2005

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: March 23, 2005

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: Nathaniel Levin

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

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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.

Nathaniel Levin

Name of Person Signing

[Signature]
Signature

March 28, 2005

Date

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

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PATENT
REEL: 016430 FRAME: 0865

Attorney Docket No.: P21313
(BMT Ref. No.: 106.354)

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

☐ United States Provisional Patent Application No.:

☐ United States Patent No(s).:

☐ International (PCT) Patent Application Serial No.:

☐ Other *(specify)*::

TITLE OF THE INVENTION:

GRADIENT ADAPTIVE VIDEO DE-INTERLACING

Inventors *(assignors)*

Name	Address
Tiehan Lu	4909 Joshua Blvd. Apt. 2109, Chandler, AZ 85226
Jorge E. Caviedes	3958 E. Juniper Circle, Mesa, AZ 85205
Walid Ali	844 E Indian Wells Place, Chandler, AZ 85249

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");

Attorney Docket No.: P21313
(BMT Ref. No.: 106.354)

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;

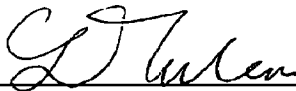
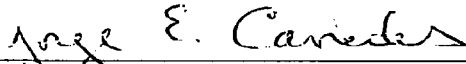
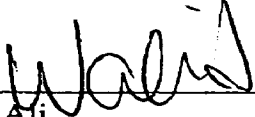
Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

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>March 23, 2005</u> Date	<u></u> Tiehan Lu
<u>3-23-05</u> Date	<u></u> Jorge E. Caviedes
<u>3/23/05</u> Date	<u></u> Walid Ali