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To the honorable Comr.

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Hari Thirumoorthy

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: January 11, 2005

Additional name(s) & address(es) attached?  Yes  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: January 11, 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: Randolph P. Calhoun

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

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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.

Randolph P. Calhoun Name of Person Signing

Signature

February 9, 2005 Date

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

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

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PATENT REEL: 016270 FRAME: 0104

Attorney Docket No.: P20815  
(BMT Ref. No.: 106.345)

### 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 No.:  
Date of Execution:                      Date of Filing: herewith
- United States Provisional Patent Application Serial No.
- United States Patent No(s).
- International (PCT) Patent Application Serial No.
- Other *(specify)*:

TITLE OF THE INVENTION:

**SYSTEM AND METHOD FOR PARTITION AND PATTERN-MATCH  
DECODING OF VARIABLE LENGTH CODES**

**Inventor (assignor)**

Name	Address
<b>Hari Thirumoorthy</b>	1443 W Mead Drive, Chandler, AZ 85248

**Assignee**

Name	Address
<b>Intel Corporation</b>	2200 Mission College Blvd., Santa Clara, CA USA 95052

Whereas, I, the above-identified Inventor, 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 I desire to assign my above-identified rights, title and interest in the Invention to **Intel Corporation**, 2200 Mission College Blvd., Santa Clara, CA USA 95052;

Attorney Docket No.: P20815  
(BMT Ref. No.: 106,345)

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

I hereby assign, sell and transfer my 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 me 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 I 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 I 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 my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventor's Signature

1/11/05  
Date

Hari Thirumoorthy  
Hari Thirumoorthy