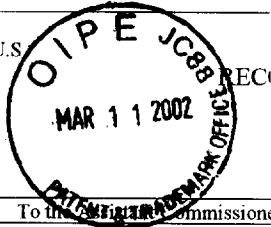


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03-19-2002



102022210

DEPARTMENT OF COMMERCE
Patent and Trademark Office

Attorney Docket No.:81674-249738

To the Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

HIROSHI TAKATORI – signed on 02/04/2002

3-11-02

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

2. Name and address of receiving party(ies):

**INTEL CORPORATION
2200 Mission College Boulevard
Santa Clara, CA 95054**

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name

Other _____

Execution Date: **February 4, 2002**

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) **10/001,712**

B. Patent No.(s)

Additional numbers attached? Yes No

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

Eric S. Chen, Esq.
PILLSBURY WINTHROP LLP
725 South Figueroa Street, Suite 2800
Los Angeles, CA 90017-5406

6. Total number of applications and patents involved: [1]

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

- Enclosed
- Authorized to be charged to deposit account

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03-3975

(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 belief, the foregoing is true and correct and the attached is the original document.



Date: February 27, 2002

Eric S. Chen, Reg. No. 43,542

OMB No. 0651-0011 (exp. 4/94)

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

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**PATENT
REEL: 012673 FRAME: 0386**

Please return signed/recorded to:
Pillsbury Winthrop LLP
Intellectual Property Group
725 So. Figueroa Street
Suite 2800
Los Angeles, CA 90017-5406

Atty. Dkt.	81674-249733	P12825
	M#	Client Ref.

ASSIGNMENT
of U.S. Origin Patent Application
(to Corporation)
(or Limited Partnership)

WHEREAS, the undersigned, to wit:

Hiroshi TAKATORI; James M. LITTLE and Scott CHIU

(hereinafter ASSIGNORS), have made an invention known as Dkt. PW 81674-249733

and entitled: ***ERROR CORRECTION METHOD AND APPARATUS FOR DATA TRANSMISSION SYSTEMS***

for which an application for Letters Patent of the United States

- was executed even date herewith and is about to be filed in the United States Patent and Trademark Office;
- was filed on October 31, 2001, Appln. No. 10/001,712;

AND WHEREAS **Intel Corporation** (hereinafter ASSIGNEE), a corporation duly organized and existing under the laws of the State of **Delaware** and having its principal office and place of business at 2200 Mission College Boulevard, Santa Clara, CA 95054, desires to acquire an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNORS, do hereby sell, assign and transfer unto ASSIGNEE, 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 is entitled ***ERROR CORRECTION METHOD AND APPARATUS FOR DATA TRANSMISSION SYSTEMS*** 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.

NOTE: The undersigned hereby authorize **Pillsbury Winthrop LLP** of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

Executed on the date(s) below indicated.

Each Inventor: Please Sign and Date Below:

2/4, 2002
Date

Hiroshi Takatori
Name: **Hiroshi Takatori**

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

2/4, 2002
Date

Each Inventor: Please Sign and Date Below:

_____, 20____
Date

Name: **James M. Little**

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

_____, 20____
Date

Each Inventor: Please Sign and Date Below:

_____, 20____
Date

Name: **Scott Chiu**

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

_____, 20____
Date