



To the Honorable Commissioner of P:

101787545

1 original documents or copy thereof.

1. Name of conveying party(ies):

07/10/01
Toru Fujiwara and Masakazu Taguchi

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

2. Name and address of receiving party(ies)

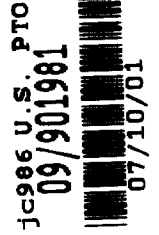
Name: **Fujitsu Limited**

Internal Address:

Street Address: **1-1, Kamikodanaka 4-chome,
Nakahara-ku, Kawasaki, Kanagawa 211-8588 Japan**

City: _____ State: _____ ZIP: _____

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3. Nature of conveyance:

- (X) Assignment () Merger
- () Security Agreement () Change of Name
- () Other _____

Execution Date: **June 29, 2001**

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: **June 29, 2001**

A. Patent Application No.(s)

09/901981

B. Patent No.(s)

Additional numbers attached? () Yes (X) No

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

Name: **Patrick G. Burns, Esq.
Greer, Burns & Crain, Ltd.**

Internal Address: **300 South Wacker Drive
25th Floor
Chicago, Illinois 60606**

Street Address: _____

City: _____ State: _____ ZIP: _____

Additional name(s) & address(es) attached: () Yes (X) No

6. Total number of applications and patents involved: **1**

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

(X) Enclosed

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07-2069

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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.

Patrick G. Burns

Name of Person Signing

Signature

July 10, 2001

Date

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

07/25/2001 101A21 00000020 09901981

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40.00 DP

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PATENT
REEL: 011994 FRAME: 0530

UTILITY PATENT

ASSIGNMENT

FOR VALUE RECEIVED, the receipt of which is hereby acknowledged, the following inventor or inventors (hereinafter called "ASSIGNOR")

Name: Toru Fujiwara
Address: c/o FUJITSU PERIPHERALS LIMITED,
35, Saho, Yashiro-cho, Kato-gun, Hyogo, 673-1447 Japan

Name: Masakazu Taguchi
Address: c/o FUJITSU LIMITED,
1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa, 211-8588 Japan
hereby assigns, transfers and sets over to:

Name: FUJITSU LIMITED
Address: 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa, 211-8588 Japan

(hereinafter called "ASSIGNEE"), the entire worldwide right, title and interest in and to the invention known as: DATA REPRODUCING METHOD AND DEVICE REPRODUCING DATA ACCORDING TO A VITERBI DECODING ALGORITHM USING AN AVERAGE VALUE OF A REPRODUCTION SIGNAL

for which a United States Patent Application was executed on even date herewith or, if not so executed, was:

- (a) executed on _____; or
- (b) filed on _____,
Serial No. ____/_____;

and all rights and privileges under any Letters Patent which may be granted thereon, including all rights, if any, to sue for past infringement.

(1) The ASSIGNOR agrees without charge to said ASSIGNEE but at its expense (a) to execute (i) all necessary papers to be used in connection with this application and any additional, continuing, or divisional applications, as the ASSIGNEE may deem necessary or expedient, (ii) all papers in connection with any interference or other legal or quasi-legal proceedings relating to this application or any additional, continuing, or divisional application thereof; (b) to cooperate with ASSIGNEE in every way possible in obtaining evidence and going forward in any such proceedings; and (c) to perform all other affirmative acts which may be necessary or desirable to obtain a grant of a valid patent for said invention.

(2) ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States to issue any and all Letters Patent that may be granted upon any patent application or any additional, continuing or divisional applications thereof to the ASSIGNEE, its successors and assigns.

(3) ASSIGNOR hereby covenants and warrants that he has full right to convey the entire

right, title and interest by this instrument, free of any encumbrances and that no other agreement has been or will be executed in conflict herewith.

(4) ASSIGNOR hereby grants to the law firm of GREER, BURNS & CRAIN, LTD. of Chicago, Illinois, authority and power to insert on this instrument any further identification which may be necessary or desirable for purposes of recordation in the United States Patent and Trademark Office or a Patent Office of any foreign country.

June
Date 29, 2001

Signature of inventor *Toru Fujiwara* Toru Fujiwara

June
Date 29, 2001

Signature of inventor *Masakazu Taguchi* Masakazu Taguchi

Date _____

Signature of inventor _____

Date _____

Signature of inventor _____