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FORM PTO-1595
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To the Assistant Commiss 100991711
Please record the attache copy, thereof. ATTN. BOX ASSIGNMENTS

1. Name of conveying party(ies):
Katsuyuki NAITO
Takashi ISHINO
Hiroyuki HIEDA
Additional names(s) of conveying party(ies)
attached? Yes No

2. Name and address of receiving party(ies):
Name: KABUSHIKI KAISHA TOSHIBA
Internal Address: _____

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Street Address: 72 Horikawa-cho,
Saiwai-ku, Kawasaki-shi, Japan
City: _____
State: _____ ZIP: _____

Execution Date: March 5, 1999

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: March 5, 1999

3.11.99
09265885

A. Patent Application Nos. _____
B. Patent No. (s) _____
Additional numbers attached? YES NO

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

6. Total number of applications and patents
involved 1

Name: Mr. Ernest F. Chapman
Internal Address: _____
Finnegan, Henderson, Farabow, Garrett
& Dunner, L.L.P.
Street Address: 40.00 DP
1300 I Street, N.W.
City: Washington, D.C.
State: _____ ZIP: 20005

7. Total fee (37 CFR 3.41): \$ 40.00
 Enclosed
 Authorized to be charged to
deposit account

8. Deposit account number: 06-0916

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.

Richard V. Burqujian _____ March 11, 1999
Name of Person Signing Signature Date

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



03/22/1999 BTMMS 0000064 09265885
04 FC:581

A S S I G N M E N T

In consideration of value received, I, having a post office address at c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1 Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan and a residence as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

RECORDING MEDIUM AND METHOD OF MANUFACTURING THE SAME

said application having been filed on _____
and assigned Serial No. _____ ;
sell and assign to
KABUSHIKI KAISHA TOSHIBA
a corporation of Japan, having a business address at
72 Horikawa-cho, Saiwai-ku, Kawasaki-shi, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent: (check one)

executed concurrently herewith;

executed separately herefrom;

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U. S. Patent and Trademark Office for recordation of this document.

Finnegan, Henderson, Farabow, Garrett & Dunner, L. L. P.,
1300 I Street, N. W., Washington, D. C., 20005-3315

ASSIGNMENT

98S1045

Inventor: (Signature)

Date

Residence

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MAR. - 5. 1999

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RECORDING OFFICER:

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