10-12-2001

U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 04329.2685 **CUSTOMER NUMBER: 22,852** 

**FORM PTO-1594** 1-31-92

To the Honorable Commissioner of Patents and Trauemarks:

Please record the attached original discounting th ATTN. BOX ASSIGNMENTS 1. Name of conveying party: 2. Name and address of receiving party: 1) Michivo MORIMOTO 2) Atsushi ASANO Kabushiki Kaisha Toshiba Name: Internal Address: Additional name of conveying party attached? □ Yes 

No Nature of conveyance: Street Address: 1-1 Shibaura 1-chome, Minato-Ku Tokyo, JAPAN City: Ø Assignment Merger State: Zip Code: Security Change of Name Agreement Other Additional name & Address attached? □ Yes 

No **Execution Date:** September 28, 2001 Application number or patent number: If this document is being filed together with a new application, the execution date of the 4. application: September 28, 2001 B. Patent Number: Patent Application Number: 10/05/2001 HLE333 00000003 09969636 40.00 DP 03 FC:581 Additional numbers attached? □ Yes 図 No Total number of applications and registrations involved: 6. 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40 Mr. Ernest F. Chapman Name: FINNEGAN, HENDERSON, FARABOW, GARRETT Enclosed (Please charge deficiency to deposit account) & DUNNER, L.L.P. Internal Address: Authorized to be charged to deposit account Street Address: 1300 I Street, N.W. 8. Deposit account number: 06-0916 City: Washington State: DC Zip: 20005-3315 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. October 4, 2001 Richard V. Burgujian Reg. No. 31,744 Signature Date ERNEST F. CHAPMAN Total number of pages including cover sheet, attachments and documents: 3

> **PATENT** REEL: 012230 FRAME: 0677

## ASSIGNMENT

In consideration of value received, I, having a mailing 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:

MOVING IMAGE DECODING AND REPRODUCING APPARATUS, MOVING IMAGE DECODING AND REPRODUCING METHOD, TIME CONTROL METHOD, COMPUTER PROGRAM PRODUCT FOR DECODING AND REPRODUCING MOVING IMAGE AND MULTIMEDIA INFORMATION RECEIVING APPARATUS

said application having been filed on and assigned Application No. ; sell and assign to KABUSHIKI KAISHA TOSHIBA a corporation of Japan, having a business address at 1-1 Shibaura 1-chome, Minato-Ku, Tokyo, 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)

- imes 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 invension 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

PATENT REEL: 012230 FRAME: 0678

## ASSIGNMENT

Inventor: (Signature)	Date	Residence
Michigo Morimoto	SEP. 28. 2001	Fuchu-shi, Japan
Atsushi Asano	SEP. 28. 2001	Kawasaki-shi, Japan
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## RECORDING OFFICER:

After recording please return to: Finnegan, Henderson, Farabow, Garrett & Dunner, L. L. P.

1300 I Street, N.W., Washington, D.C. 20005-3315

**RECORDED: 10/04/2001** 

PATENT REEL: 012230 FRAME: 0679