

FORM PTO-1595 (Modified)
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10-07-1999



COVER SHEET

U.S. DEPARTMENT OF COMMERCE

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Patent and Trademark Office

Tab settings

101163314

To the Honorable Commission, please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Hiroyuki Miyahara
Michihiro Aso

9/24/99

Additional names(s) of conveying party(ies) Yes No

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

Name: Victor Company of Japan, Limited

Address: 12, 3-chome, Moriya-cho, Kanagawa-

Yokohama, Kanagawa-ken, Japan

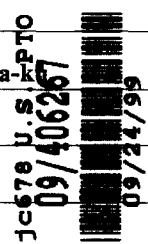
City: Yokohama

State/Prov.:

Country: Japan

ZIP:

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



3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: September 17, 1999

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: September 24, 1999

Patent Application No. Filing date

09/406267

B. Patent No.(s)

10/05/1999 ABELLMAN 00000030 09406267

FC:581

40.00 UP

Additional numbers

Yes No

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

Name: Thomas E. Wettermann

Registration No. 41,523

Address: McDONNELL BOEHNEN HULBERT &

BERGHOFF

300 South Wacker Drive, 32nd Floor

City: Chicago

State/Prov.: Illinois

Country: USA

ZIP: 60606

6. Total number of applications and patents involved:

1

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

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:

13-2490

E

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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.

Thomas E. Wettermann

September 24, 1999

Name of Person Signing

Signature

3

Date

Total number of pages including cover sheet, attachments, and

ASSIGNMENT

Case No.: 99,752
Inventors: Hiroyuki Miyahara, Michihiro Aso
Date of Execution
of Application: September 17, 1999

Serial No.:

Filing Date: 9/24/99

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

VICTOR COMPANY OF JAPAN, LIMITED

, a corporation of 12, 3-chome, Moriya-cho,

Kanagawa-ku, Yokohama, Kanagawa-ken, Japan

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

APPARATUS AND METHOD THAT PROVIDE SMOOTH IMAGES IN SLOW
PLAYBACK MODE

and identified as:

Case No. 99,752

in the offices of McDONNELL BOEHNEN HULBERT & BERGHOFF and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said

Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this 17th day of September, 1999.

Hiroyuki Miyahara
Hiroyuki MIYAHARA

State of _____

County of _____

The foregoing instrument was acknowledged before me this _____ day of _____, _____ by _____

NOTARY PUBLIC

WITNESS my hand and seal this 17th day of September, 1999.

Michihiro Aso
Michihiro ASO

State of _____

County of _____

The foregoing instrument was acknowledged before me this _____ day of _____, _____ by _____

NOTARY PUBLIC