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FORM PTO-1595  
(Rev. 10/02)

T U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Docket No.: 058799-0148

103053556

To the Honorable Commissioner for Patents and Trademarks: Please receive the attached original documents or copy thereto:

1. Name of Conveying Party(ies):  
Yoshiaki MIZUHASHI, Mitsuo NAKAJIMA  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
Name: HITACHI, LTD.  
Address: 6-6, Marunouchi 1-chome  
Chiyoda-ku,  
Tokyo, JAPAN  
Additional name(s) & address(es) attached?  Yes  No

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
Execution Date: June 21, 2005, June 21 2005

113268 U.S. PTO  
11/190191  
072705

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4. Application number(s) or patent number(s):  
If the document is being filed together with a new application, the execution date of the application is: June 21, 2005  
June 21 2005  
A. Patent Application No(s). B. Patent No(s).  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: MCDERMOTT WILL & EMERY LLP  
Internal Address:  
Street Address: 600 13th Street, N.W.  
City: Washington State: D. C. Zip: 20005-3096

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  
8. Deposit account number:  
500417

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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.*

Keith E. George, 34,111  
Name and Registration No. of Person Signing Signature Date  
July 27, 2005  
Total number of pages including cover sheet: 2

OMB No. 0651-0027 (exp. 6/30/2005)

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PATENT  
REEL: 016819 FRAME: 0931

ASSIGNMENT  
( 譲 渡 証 )

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Hitachi, Ltd., a corporation organized under the laws of Japan, located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi, Ltd., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

FRAME RATE CONVERSION DEVICE, IMAGE DISPLAY APPARATUS, AND METHOD OF CONVERTING FRAME RATE

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Hitachi, Ltd., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi, Ltd.,

Signed on the date(s) indicated aside our signatures:

INVENTOR(S)  
(発明者フルネームサイン)

Date Signed  
(署名日)

1)	<u>Yoshiaki Mizuhashi</u>	<u>6 / 21 / 05</u>
2)	<u>Mitsuo Nakajima</u>	<u>6 / 21 / 05</u>
3)	_____	_____
4)	_____	_____
5)	_____	_____
6)	_____	_____
7)	_____	_____
8)	_____	_____
9)	_____	_____
10)	_____	_____