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To the Honorable Commissioner of Patents and Trademarks: F	Please record the attached original documents or copy thereof.
1. Name of conveying party(ies):  Hitoshi SUZUKI  // 24/98  Additional name(s) of conveying party(ies) attached? □ Yes EXNo	2. Name and address of receiving party(ies)  Name: Hitachi LTD  Internal Address:
3. Nature of conveyance:  XX Assignment	Street Address: 6, Kanda Surugadai 4-Chome  Chiyoda-Ku, Tokyo Japan  City: State: ZIP: Additional name(s) & address(es) attached? Q Yes QXNo
Application number(s) or patent number(s):  If this document is being filed together with a new application.	on, the execution date of the application is: November 12, 1998
	B. Patent No.(s)  ttached? © YesXX No 09/1983324
5. Name of the state of the sta	6. Total number of applications and patents involved: 1
Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP	7. Total fee (37 CFR 3.41)\$ 40.00  XX Enclosed  Authorized to be charged to deposit account
Street Address: 1300 NORTH SEVENTEENTH STREET  SUITE 1800  City: ARLINGTON State: VA ZIP: 22209	8. Deposit account number:  01-2135  (Attach duplicate copy of this page if paying by deposit account)
DO NOT US	SE THIS SPACE
Melvin Kraus  Name of Person Signing 22,466	nation is true and correct and any attached copy is a true copy of  November 24, 1998  Signature  Date  Cover sheet, attachments, and document:

## 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, Kanda Surugadai 4-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

## "MULTIMEDIA INFORMATION SYSTEM"

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 signatures:

	INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)	Witnesses (立会人サイン)
1)	(Hitoshi SUZUKI)	November 12, 1998	(立会人サイン) Syanumi / hayama
2)			
3)			
4)			
5)			
6)			
7)			
8)			
9)			
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PATENT REEL: 9630 FRAME: 0253

**RECORDED: 11/24/1998**