Attorney Docket No. 16869P-006700 Client Ref. No. 219900664US1

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	Execution Dates: November 19, 1999 (Inventors Hoshino and Sekir November 22, 1999 (Inventors Kaku and Asada)	ne) 09/488/56	
	Application Number(s) or Patent Numbers.		
	If this document is being filed together with a new ap November 19, 1999 (Inventors Hoshing	oplication, the execution dates of the application are: o and Sekine); and November 22, 1999 (Inventors Kaku and Asada)	
	A. Patent Application No(s):	B. Patent No(s):	
	Additional numbers attached?	⊠ No	
	<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>	Total number of applications and patents involved 1	
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 Additional name(s) of conveying party(ies): (Continued from Page 1)

Toshimitsu Kaku Akihiro Asada Takehiko Sekine

- Additional name(s) and address(es) of receiving party(ies): (Continued from Page 1)
- Additional application number(s) or patent number(s): (Continued from Page 1)
  - A. Patent Application No.(s)

B. Patent No.(s)

PA 3043720 v1

PATENT REEL: 010553 FRAME: 0828

## **ASSIGNMENT**

(譲渡証)

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to Takashi HOSHINO, Toshimitsu KAKU, Akihiro ASADA, and Takehiko SEKINE,

citizens of Japan by HITACHI, LTD., and Hitachi Video and Information System, Inc., corporations organized under the laws of Japan,

located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, and 292, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa-ken, Japan, respectively,

receipt of which is hereby acknowledged, we, the said Takashi HOSHINO, Toshimitsu KAKU, Akihiro ASADA, and Takehiko SEKINE.

do hereby sell and assign to said HITACHI, LTD., and Hitachi Video and Information System, Inc.,

their successors and assigns, all our right, title and interest, in and for the United States of America, in and to INFORMATION RECORDING AND REPRODUCING APPARATUS

invented by us 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., and Hitachi Video and Information System. Inc.,

their 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 us if this assignment and sale had not been made:

And we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said 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 we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD., and Hitachi Video and Information System, Inc.

Signed on the date(s) indicated aside signatures:

RECORDED: 01/20/2000

	(NVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1)	Takoshi Koshino	November 19, 1999
	Toshimitan Keden	November 22, 1999
	Akihino Asader	November 22, 1999
4)	Takehiko Sekine	November 19, 1999
5)		
6)		
7) .		
8)		
9)		
10)		

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