	Docket No. 37671X00				
FORM PTO-1595 (Rev. 6-93)					
OMB No. 0651-0011 (exp. 4/94)	Patent and Trademark Office				
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To the Honorable Commissioner of P.  1. Name of conveying party(ies):	<ul> <li>e attached original documents or copy thereof.</li> <li>Name and address of receiving party(ies):</li> </ul>				
SATOU, Yoshihiro	Party (les).				
YOSHIDA, Shinobu	Name: Hitachi, Ltd.				
,	Internal Address:				
YAMAUCHI, Yoshiaki	50.				
Additional name(s) of conveying party(ies) attached? X Yes  No					
3. Nature of conveyance:					
X Assignment Merger	Street Address: 6, Kanda Surugadai 4-chome				
Security Agreement Change of Name	Chiyoda-ku, Tokyo, JAPAN				
Other	City: State: ZIP:				
Execution Date: September 14, 1999	Additional name(s) & address(es) attached?				
A. Patent Application No.(s) $09/406836$ Additional numbers al	B. Patent No.(s)				
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:				
Name: ANTONELLI, TERRY, STOUT & KRAUS	40.00				
Internal Address:	7. Total fee (37 CFR 3.41) \$ 40.00				
Iliternal Address.	X Enclosed				
	Authorized to be charged to deposit account				
Street Address: 1300 North Seventeenth Street	- 8. Deposit account number:				
Suite 1800	5. 50p33 u535a				
City: Arlington State: VA ZIP: 22209	(Attach duplicate copy of this page if paying by deposit account)				
	T USE THIS SPACE				
DO NOT USE TRIS SPACE					
9. Statement and signature.  To the best of my knowledge and belief, the foregoing information of the original document.  0/07/1999 NHOMS 00000079 09406836  Melvin Kraus Reg. No. 22,466	mation is true and correct and any attached copy is a true copy of  September 28, 1999				
LIC:301 Name of Person Signification	Signature Date				

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

Total number of pages including cover sheet, attachments, and document:

(Form PTO--1595--Recordation Form Cover Sheet - page 1 of 3)

## Attachment to Form PTO - 1595 Recordation Form Cover Sheet

## Additional Conveying Parties

- TANAKA, Hiroyuki
- HIRATA, Tomoki
- ISHIKAWA, Takashi
- MIKI, Hisahiro
- TAJIMA, Hisanobu

PATENT REEL: 010291 FRAME: 0950

## 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 "DISK TYPE REPRODUCING APPARATUS AND REVOLUTION CONTROL METHOD"

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:

RECORDED: 09/28/1999

	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)	Yoshihiro Satou (Yoshihiro SATOU)	September 14,	1999	Zuja Marila
2)	Shinobu Yoshida (Shinobu YOSHIDA)			Jugo monta
3)	Yoshiala Yammahi (Yoshiaki YAMAUCHI)			Zyyo mouta
4)	Hiroyuki Tanaka (Hiroyuki TANAKA)	September 14,	1999	Jeyo morta
5)	Tomoki Idirata  (Tomoki HIRATA)	September 14,	1999	Jugo morta
6)	Takashi Ishikawa (Takashi Ishikawa)	September 14,	1999	yaya marila
7)	Hisahiro MIKI)	September 14,	1999	Jugo Mortin
8)	Hisanobu Tajima)	September 14,	1999	Yugo morta
9)				
10)				

PATENT REEL: 010291 FRAME: 0951