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Additional name(s) of conveying party(ies) attached?  Yes X No	Name: TEAC CORPORATION Internal Address:	
3. Nature of conveyance:  X Assignment Security Agreement Merger Change of Name Other  Execution Date: December 4, 2000  4. Application number(s) or patent number(s):  If this document is being filed together with a new applicate the application is: December 5, 2000	Name: TEAC CORPORATION Internal Address:  Street Address: 3-7-3, Naka-Cho, City: Musashino-shi, Tokyo, Japan  Additional name(s) & address(es) attached?Yes _X_No  9/732930  tion, the execution date of	
A. Patent Application No.(s)  Additional numbers atta	B. Patent No.(s):	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved 1	
Name: Michael N. Meller, Esq. Internal Address: ANDERSON, KILL & OLICK, P.C.  1251 Avenue of the Americas 42rd Floor City: NEW YORK State: N.Y. Zip: 10020-1182	7. Total fee (37 CFR 3.41)	
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PATENT REEL: 011372 FRAME: 0788

## UNITED STATES OF AMERICA

Whereas, I/we (1) 1) HIDEO INOUE, 2) SA	IJI TUTIYA, 3) YASUNOBU SHIMIZU and 4) KENJI ONIK	
1) 6-11-3, Ohsawa, Mitaka-Shi, Toky	o, Japan, 2) 1-28-1-11-202, Harumicho, Fuchu-Shi,	
of (2)  Tokyo, Japan, 3) 2-7-40-201, Sekima	chiminami, Nerima-Ku, Tokyo, Japan and	
4) 3-18-6-202, Nishikubo, Musashino	-Shi, Tokyo, Japan	
REFLECTING KEY CHANGE ACCORDING TO TEMPO	in (3) RECORDING MEDIUM REPRODUCING DEVICE HAVING ION AND KEY DISPLAY FUNCTION for which application for is about to be made;	
	Nask Been xwada	
And Whereas, (5) TEAC CORPORATION		
of (6) 3-7-3, Naka-Cho, Musashino-Shi,	Tokyo, Japan is/are	
desirous of acquiring an interest therein and in the	Letters Patent to be obtained therefor;	
Now Therefore, be it known by all whom it may concern, that for good and valuable consideration (the sufficiency of which is hereby acknowledged) I/we have assigned, transferred and set over, and by these presents do assign, transfer and set over unto the said (5) TEAC CORPORATION		
interest in and to the said invention, as fully set for prepared and executed by me/us on (8)	·	
preparatory to obtaining Letters Patent therefor; sa	aid invention, application and Letters Patent to be held and	
enjoyed by the said (5)TEAC CORPORATION		
· · · · · · · · · · · · · · · · · · ·	to the full end of the term for	
which said Letters Patent are granted, as fully and	dentirely as the same would have been held by me/us had	
this assignment and transfer not been made.		
In testimony whereof, I/we have hereunto set	my/our hand this	
(11) 4th day of December, 2000	·	
WITNESSES:	INVENTOR(S):	
Entril Il	(1) Fideo I noul HIDEO INOUE	
Tosho Marukawa	(2) Saiji Tutiya SAIJI TUTIYA	
	(3) Franker Fringe YASUNOBU SHIMIZU	
	(4) Kenji Oniki PATENTI ONIKI	

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