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FORM <b>PTO-1595</b> (Rev. 6-93) REC( OMB No. 0651-0011 (exp. 4/94)		HEET	U.S. DEPARTMENT OF COI Patent and Tradem	
Tab settings ⇔ ⇔ ♥	100930362		▼ ▼	
To the Honorable Commissioner of Patents and Trac	demarks: Please record the atta	ached original	documents or copy thereof.	*****
1. Name of conveying party(ies): 1) Masafumi ITO 2) Shigeru HASEGAWA 3) Katsuhiro TAKASHIMA Additional name(s) of conveying party(ies) attached? □ Yes	2. Name and a Name: Ti	address of rec	ceiving party(ies)	
3. Nature of conveyance:				
Assignment   Merger	Street Addre	ess: No. 3-	-7-3, Naka-Cho,	_
☐ Security Agreement ☐ Change of	Musashino		kyo, Japan	
Other	i i		State:ZIP:	
Execution Date: December 11, 1998	Additional name	e(s) & address(e	s) attached? 🗆 Yes 🗖 No	
<ol> <li>Application number(s) or patent number(s):</li> <li>If this document is being filed together with a new a</li> <li>A. Patent Application No.(s)</li> </ol>	application, the execution dat		ication is: <u>December 11</u>	<u>, 19</u> 98
Additional r	numbers attached? ☐ Yes X No			
<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>	ce 6. Total number	of application	ns and patents involved:	1
Name: Richard J. Streit	7. Total fee (37	CFR 3.41)	\$ 40.00	-
Internal Address:	Enclosed	I		
2/28/1998 DNGUYEN 00000204 29097923			1 · 1 · -24 ·4	
1-FC:581 40.00 OP	- Authorized	O to be charg	ged to deposit account	
Street Address: c/o Ladas & Parry	8. Deposit accou	unt number:		
224 South Michigan Avenue				_
City: Chicago State: IL ZIP: 606	(Attach duplicate	e copy of this page	ge if paying by deposit account)	)
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9. Statement and signature.  To the best of my knowledge and belief, the foregoin the original document.  Richard J. Streit  Name of Person Signing Reg. 25765  Total number of pages	ng information is true and con Signature including cover meet, attachments		December 17, 1 Date	' '

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PATENT **REEL: 9659 FRAME: 0409** 

## PATENT

For: X U.S. and/or Toreign Rights
For: X U.S. Application or U.S. Paten
By: X Inventor(s) or Present Owner

## ASSIGNMENT OF INVENTION

COLONIOD.	MASAFUMI ITO				
ASSIGNOR: inventor(s) or	(Type or print name(s) of ASSIGNOR(S))				
person(s) or entity(ies)					
who own the invention)	c/o TEAC CORPORATION, No.3-7-3, Naka-Cha				
	Address				
	Musashino-shi, Tokyo, Japan				
	Japan				
	Nationality				
ASSIGNOR:	SHIGERU HASEGAWA				
inventor(s) or	(Type or print name(s) of ASSIGNOR(S))				
erson(s) or entity(ies)	c/o TEAC CORPORATION, No.3-7-3, Naka-Cho				
vho own the invention)	Address				
	Musashino-Shi, Tokyo , Japan				
	Japan				
	Nationality				
	,				
	WARRIANDO TAWARIAN				
ASSIGNOR:	KATSUHIRO TAKASHIMA (Type or print name(s) of ASSIGNOR(S))				
inventor(s) or	(Type of print name(s) of Assistantially				
person(s) or entity(ies) who own the invention)	c/o TEAC CORPORATION, No.3-7-3, Naka-Cho				
	Address				
	Musashino-Shi, Tokyo , Japan				
	Japan				
	Nationality				
SSIGNOR:					
nventor(s) or	(Type or print name(s) of ASSIGNOR(S))				
erson(s) or entity(ies)					
ho own the invention)	Address				
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(Assignment of Invention[16-3]— Page 1 of 3)

PATENT REEL: 9659 FRAME: 0410

ASSIG	NEE:			
	EAC CORPORATION No. 3-7-3, Naka-Cho, Musashino-Shi,			
(Турс ог	print name of ASSIGNEE)	Address		
Jap	an	Tokyo , Japan		
Nation	ality			
and the	e successors, assigns a	and legal representatives of the ASSIGNEE		
	(c	complete one of the following)		
1	🛚 the entire right, title	and interest		
ĺ	an undivided	percent ( %) interest		
for the	United States and its t	erritorial possessions		
	(check the following box if foreign rights are also to be assigned)			
[	and in all foreign co	ountries, including all rights to claim priority		
in and to any and all improvements which are disclosed in the invention entitled: RECORDING AND REPRODUCING MACHINE FOR TELEPHONE OR RADIO COMMUNICATION EQUIPMENT				
(check and complete (a), (b), (c) or (d))				
and wh	ich is found in			
(a) [	☑ U.S. patent applicat	ion executed on even date herewith		
		ion executed on		
` .	To comply with 37 ( signing below, here Declaration and Pow	CFR 3.21 for recordal of this assignment, I, an ASSIGNOR by authorize and request my attorney, as named in the ver of Attorney I executed for this invention on the execution o insert below the filing date and application number when		
(c) [	<ul><li>U.S. application seri</li></ul>	al no. 0 / filed on		
(d) [	U.S. patent no	issued		
[	_	s to which correspondence is to be sent regarding patent being sent separately.		
	(check (e) if for	eign application(s) is also being assigned)		
(e) [	and any legal equiva priority	lent thereof in a foreign country, including the right to claim		
	(Assignmen	t of Invention—Multiple Inventors [16-3.2]—page 2 of 3)		

hereby sells, assigns and transfers to

PATENT REEL: 9659 FRAME: 0411 and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this <u>Dec. 11</u>, 1998 (Date of signing).

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

(True name of Immental)	date	5
(Type name of Inventor)	4400	Signature of INVENTOR
MASAFUMI ITO	Dec/11/1998	MASOLIA LO
SHIGERU HASEGAWA	Dec/11/1998	Oligon Honogawa
KATSUHIRO TAKASHIMA	Dec/11/1998	Katcuhiro Takaslimen

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution 35 USC 261. Use next page if notarization is desired.

☐ Notarization or Legalization Page Added.

(Assignment of Invention—Multiple Inventors [16-3.2]—page 3 of 3)

PATENT REEL: 9659 FRAME: 0412

**RECORDED: 12/17/1998**