FORM PTO-16 Expires 06/30/99 OMB 0651-0027	00-01-2001 Pa	S. Department of Commerce lent and Trademark Office PATENT
	101795302	
Docket: CU-	PATENTS ONLY	98181907
TO: The Commis Submission T	sioner of Patents and Trademarks: Please record the attached original document Ype / Conveyance Type	(s) or copy(ies).
X New	07/23/D/ X Assignment Security Agreemer	
Resubmiss Document l	ion (Nog-Recordation) License Change of Name	7 U.S
Correction Reel #	of PTO Error Other Other U.S. Government	6.63 77
Corrective	Document (Far Use ONLY by U.S. Government Agen	_{cies)} ecret File
Conveying Pa	Irty(ies) Mark if additional names of conveying parties at	ached Execution Date Month Day Year
Name (line 1)	IINASE, Minoru	07 16 01
Name (line 2)		Execution Date
Second Party Name (line 1)		Month Day Year
Name (line 2)]
Receiving Par	ty Mark if additional names of received	
Name (line 1)	TEAC CORPORATION	If document to be recorded is an assignment and the receiving party is not
Name (line 2)		domiciled in the United States, an appointment of a domestic
ddress (line 1)	3-7-3, Naka-Cho, Musashino-Shi	representative is atlached. (Designation must be a separate document from Assignment.)
Address (line 2)		Assignments
ddress (line 3)]
Domestic Rep	presentative Name and Address Enter for the first Receiving Party on	y.
Name		
Address (line 1)		
Address (line 2)		
Address (line 2)		
-]
Address (line 3) [Address (line 4) [FOR OFFICE USE ONLY	
Address (line 3) [Address (line 4) [(729:13 (bd.lab()) (3 (156)	(0. A. (1. (2)) 17 AC. 00 (3)	ig time for reviewing the document ar
Address (line 3) [Address (line 4) [(J2PE3 (Hallobli) (2) (J256)	$_{\Phi \in A_{0}}$ $(2.31.37)$	ENT DOCUMENTS TO THIS ADDRES

PATENT REEL: 012015 FRAME: 0146

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent Name and Address	Area Code and Telephone Number	(312) 427-1300
Name Richard J. Streit		
Address (line 1) Ladas & Parry		
Address (line 2) 224 South Michigan Av	enue	
Address (line 3) Chicago, Illinois 60	604	
Address (line 4)		
Pages Enter the total number of paging including any attachments.	ges of the attached conveyance docume	nt # 4
Fee Amount Fee Amount	Patent Number (DO NOT ENTER BOTH numbers for Patent N Patent N Patent N Patent N Patent N Patent N Patent N PCT	Immber(s) Immber Immber
Deposit Account (Enter for payment by deposit account or if add		12-0400 Yes No
Statement and Signature	elief, the foregoing information is true original orument pharges of defent a	d correct and any account are authorized, as July 23, 2001 Date
Name of Person Signing Reg. 25765	Signature	

PATENT REEL: 012015 FRAME: 0147

PATENT

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

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR: (inventor(s) or person(s) or entity(ies) who own the invention)

(Type or print name(s) of ASSIGNOR(S))				
206 842 Chinkah Inuma Chi				
306-843, Shinkoh, Iruma-Shi,				
Address				
Saitama-Ken, Japan				
Japan				
Nationality				

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)

Recorded on				
Reel				
Frame				
hereby sells, assigns and transfers to	TEAC CORPORATION			
ASSIGNEE:	(Type or print name of ASSIGNEE) 3-7-3, Naka-Cho, Musashino-Shi,			
	Address			
	Tokyo, Japan			
	Japan			
	Nationality			
and the successors, assigns and legal representatives of the ASSIGNEE				
(complete one of the following)				
 the entire right, title and interest an undivided percent for the United States and its territorial post (check the following box if fore and in all foreign countries in and to, any and all improvements which RECORDING MEDIUM LOADING DEV 	ent (
RECORDING MEDICIT LOLD				

(Assignment of Invention[16-3]-page 1 of 2)

(check and complete (a), (b), (c) or (d))

and which is found in

(a) X	U.S. patent application executed on even date herewith
(b)	U.S. patent application executed on
(c)	U.S. application serial no filed on
(d)	U.S. patent no issued

(also check (e) if foreign application(s) is also being assigned)

and any legal equivalent thereof in a foreign country, including the right to claim (e) priority

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.

set hand this and seal WHEREOF, I/We have hereunto WITNESS IN July 16, 2001 ____(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.

Attest: Hei Wakano

Minory Minase MINORU MINASE Signature of ASSIGNOR(S)

If ASSIGNOR is a legal entity complete the following information

Type or print the name of the above person authorized to sign on behalf of ASSIGNOR

4

Title

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[16-3]—page 2 of 2)

RECORDED: 07/23/2001