FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

11-02-1998



U.S. Department of Commerce Patent and Trademark Office **PATENT**

MED

100865209

RECORDATION FORM COVER SHEET					
•	PAIENISUNIY				
TO: The Comm	issioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).				
Submission	, , , , , , , , , , , , , , , , , , ,				
New	Assignment Security Agreement				
Document Document	sion (Non-Recordation) ID# Change of Name				
Correction Reel #	of PTO Error Frame # U.S. Government U.S. Government				
Corrective Reel #	Document (For Use ONLY by U.S. Government Agencies) Frame # Departmental File Secret File				
Conveying P	arty(ies) Mark if additional pages of convenience which at the desired to the leaf				
Name (line 1)	Shinsaku Tanaka Imark in additional names of conveying parties attached Execution Date Month Day Year 10/20/98				
Name (line 2)	10,20,00				
Second Party	Execution Date Month Day Year				
Name (line 1)	Kunio Kido 10/20/98				
Name (line 2)					
Receiving Pa	Mark if additional names of receiving parties attached				
Name (line 1)	Tanashin Denki Co., Ltd If document to be recorded is an assignment and the				
Name (line 2)	receiving party is not domiciled in the United States, an appointment				
Address (line 1)	8-19-20, Fukazawa, Setagaya-ku of a domestic representative is attached. (Designation must be a				
Address (line 2)	separate document from Assignment.)				
Address (line 3)	Tokyo Japan City State/Country Zip Code				
Domestic Representative Name and Address Enter for the first Receiving Party only.					
Name					
Address (line 1)					
Address (line 2)					
Address (line 3)					
Address (line 4)					
FOR OFFICE USE ONLY					
1998 JWATKINS 00000065 09178577					
61					
w.	40.00 @ \				

10/29/ 01 FC

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

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

> **PATENT REEL: 9542 FRAME: 0576**

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 Addre	Area Code and Telephone Number	202-457-0160
Name Conrad J. Clark		
Address (line 1) Dickinson Wright PLL	C	
Address (line 2) 1901 L Street, NW		
Address (line 3) Suite 800		
Address (line 4) Washington, DC 2003	36	
Pages Enter the total number including any attachm	of pages of the attached conveyance documents.	nent # 3
Application Number(s) or Patent	Width II d	additional numbers attached
Enter either the Patent Application Number of Patent Application Number	or the Patent Number (DO NOT ENTER BOTH numbers	, , <u>.</u>
ratent Application Number	(5) Patent	t Number(s)
If this document is being filed together with a <u>net</u> signed by the first named executing inventor.	w Patent Application, enter the date the patent application	on was Month Day Year 10/26/98
Patent Cooperation Treaty (PCT)		
Enter PCT application numb		PCT
only if a U.S. Application Nu has not been assigned.	Imber PCT PCT	PCT
Number of Properties	ho satal mumb — of mumb in the satal mumb in the	
Enter t	he total number of properties involved. #	1
Fee Amount Fee Amount	ount for Properties Listed (37 CFR 3.41): \$	40.00
Deposit Account	Enclosed Deposit Account	
(Enter for payment by deposit account or	r if additional fees can be charged to the account.) Deposit Account Number: #	04-1061
	Authorization to charge additional fees:	Yes V No
Statement and Signature		
To the best of my knowledge as attached copy is a true copy of indicated herein.	nd belief, the foregoing information is true a the original document. Charges to deposit	nd correct and any account are authorized, as
Conrad J. Clark	(muad lay	October 26, 1998
Name of Person Signing	Signature	Date

PATENT REEL: 9542 FRAME: 0577

U.S. Attorne	/ Docket	
--------------	----------	--

In consideration of value received, I, having a residence and post office address as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

DISK LOADING DEVICE FOR DISK PLAYER

sell and assign to

TANASHIN DENKI CO., LTD.

a corporation of Japan having a business address at

8-19-20, Fukazawa, Setagaya-ku, Tokyo, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent executed concurrently herewith;

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty it is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant to any attorney member of the following law firm the power to insert on this Assignment the Serial Number and filing date of said application when known.

Serial No.:

Filing Date:

DICKINSON, WRIGHT PLLC
1901 L Street, N.W., Washington, D.C. 20036

INVENTOR: SIGNATURE

DATE

RESIDENCE AND POST OFFICE ADDRESS

sign: . SHIMSAKU ZANAK	Date: Oct. 20,1998	3-13-24, Seijo, Setagaya-ku,
fype: Shinsaku TANAKA	Witness: 草	Tokyo, Japan
Sign: Kunio Kido	Date: Oct. 20, 1998	1-58-43, Ohizumi-cho, Nerima-ku,
Type Kunio KIDO	Witness:	Tokyo, Japan
Sign	Date:	
Туре:	Witness:	
Sign:	Oate:	
Туре	Witness:	4

NOTES:	MUST BE DATED.	WITNESS DESIRABLE.	LEGALIZATION NOT REQUIRED.

RECORDING OFFICER:

After recording, please return to:

DICKINSON, WRIGHT PLLC 1901 L Street, N.W., Washington, D.C. 20036 Phone (202) 457-0160 Fax (202) 659-1559

RECORDED: 10/26/1998 REEL: 9542 FRAME: 0578

PATENT