

12-08-1998



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JC136 U.S. PTO  
09/199469  
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Conveyance Type

- Assignment  Security Agreement
  - License  Change of Name
  - Merger  Other \_\_\_\_\_
- U.S. Government**  
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- Departmental File  Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached Execution Date  
Month Day Year

Name (line 1) Shinsaku Tanaka

11/18/1998

Name (line 2) \_\_\_\_\_

Second Party

Execution Date  
Month Day Year

Name (line 1) Takashi Yamanaka

11/18/1998

Name (line 2) \_\_\_\_\_

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Name (line 1) Tanashin Denki Co., Ltd.

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2) \_\_\_\_\_

Address (line 1) 8-19-20, Fukazawa, Setagaya-ku

Address (line 2) \_\_\_\_\_

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) \_\_\_\_\_

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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

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**Number of Properties** Enter the total number of properties involved. #

**Fee Amount** Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed  Deposit Account


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**Statement and Signature**

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.*

Conrad J. Clark, Reg. No. 30,340  11/25/98

Name of Person Signing Signature Date

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PATENT

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697671760  
11/18/98  
11/25/98

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Akeshi Shitamichi

Execution Date  
Month Day  
11/18/1998

Name (line 2)

Name (line 1) Shigeru Akatani

Execution Date  
Month Day Year  
11/18/1998

Name (line 2)

Name (line 1) Kunio Kido

Execution Date  
Month Day Year  
11/18/1998

Name (line 2)

**Receiving Party(ies)**

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Patent Application Number(s)

Patent Number(s)



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:

DISC LOADING APPARATUS FOR DISC 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;

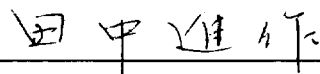
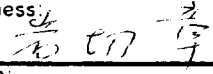
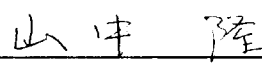
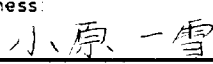
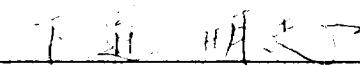



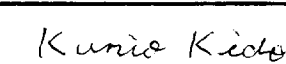
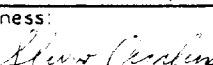
and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to 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: 	Date: November 18, 1998	3-13-24, Seijo, Setagaya-ku, Tokyo, Japan
Type: Shinsaku TANAKA	Witness: 	
Sign: 	Date: November 18, 1998	1-2-13, Noge, Setagaya-ku, Tokyo, Japan
Type: Takashi YAMANAKA	Witness: 	
Sign: 	Date: November 18, 1998	310, 2-20-7, Kitasenzoku, Ohta-ku, Tokyo, Japan
Type: Akeshi SHITAMICHI	Witness: 	
Sign: 	Date: November 18, 1998	401, 227, Nogawa, Miyamae-ku, Kawasaki-shi, Kanagawa-ken, Japan
Type: Shigeru AKATANI	Witness: 	
Sign: 	Date: November 18, 1998	1-58-43, Ohizumi-cho, Nerima-ku, Tokyo, Japan
Type: Kunio KIDO	Witness: 	

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

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