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Case Docket No.991064

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Assistant Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

9-24-99

Hitoshi OGATA

Additional name(s) of conveying party(ies) attached? NO

2. Name and address of receiving party(ies):

Name: SANYO ELECTRIC CO., LTD.

Street Address: 5-5, Keihanhondori, 2-chome, Moriguchi-shi,

Osaka, Japan

Additional name(s) & address(es) attached? NO 09/405,140

3. Nature of conveyance: Assignment

Execution Date: September 1, 1999

03 FC:581

10/04/1999 PERPLET INCOMPLET CORDING OR PLAYBACK DEVICE AND METHOD OF ADJUSTING INITIAL POSITION OF PICKUP THEREOF

PATENT REEL: 010280 FRAME: 0191

5. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: <u>September 1, 1999</u>
A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? NO
6. Name and address of party to whom correspondence concerning document should be mailed:
Name: Armstrong, Westerman, Hattori, McLeland & Naughton Suite 1000 1725 K Street, N.W. Washington, D.C. 20006
7. Total number of applications and patents involved: 1
8. Total fee (37 CFR 3.41)
9. Deposit Account No.: <u>01-2340</u>
10. 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. Correct and any attached copy is a true copy of the original document. Date September 24, 1999
Total number of pages including cover sheet: 3
RFN/yap

PATENT REEL: 010280 FRAME: 0192

Armstrong Westerman Hattari McLeland & Naughton

hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest the invention entitled DISK RECORDING OR PLAYBACK DEVICE AND METHOD OF ADJUSTING INITIAL POSITION OF PICKUP THEREOF for which application for Letters Patent of the United States was executed on even date herewise indicated below: filed on			Docket No			
(Insert ASSIGNEE's Name(s) Address(es)) (Insert ASSIGNEE) (Insert Assignee Ass		U.S. ASSIGN	MENT			
Name(s) Address(es)) Moriguchi-shi_Osaka_Janan (hereinsfire ASSIGNEE) the receipt of which is hereby acknowledged, the undersigned ASSIGNE hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest the invention entitled DISK_ECORDING_OR_PLAYBACK_DEVICE_AND_METHOD_OF_ADJUSTING_INITIAL_POSITION_OF_PICKUP_THEREOF (*If the assignment is beeing filed after the filling of the application, this section must be completed) for which application for Letters Patent of the United States was executed on even date herewing the application, this section must be completed) and all Letters Patent of the United States to be obtained therefor on said application or a continuation, divisional, reissue or reexamination thereof for the full term or terms of which the same may be granted. The ASSIGNOR agrees to execute all papers necessary in connection with the application as an accontinuation, divisional, reissue or reexamination thereof and also to execute separa assignments in connection with such applications as the ASSIGNEE may deem necessary or expedien. The ASSIGNOR agrees to execute all papers necessary in connection with any interferent litigation, or other legal proceeding which may be declared concerning this application or a continuation, divisional, reissue or reexamination thereof or Letters and deem necessary or expedient evidence and proceeding with the ASSIGNEE in every way possible in obtaining and producity evidence and proceeding with such interference, litigation, or other legal proceeding. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(
(Pittle of Invention) (*If the assignment is being filed after the filing of the application of the application this section must be completed) (*If the assignment is being filed after the filing of the application, this section must be completed) (*If the assignment is being filed after the filing of the application, this section must be completed) (*If the assignment is being filed after the filing of the application, this section must be completed) (*If the assignment is being filed after the filing of the application, this section must be completed) (*If the assignment is being filed after the filing of the application, the section of the application of the application, this section must be completed) (*If the assignment is being filed after the filing of the application is the section of the application application of the application of the application of the app	•			ndori 2-chome.		
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unless otherwise indicated below: of the application, this section must be completed) "filed on	(Title of Invention)	ADJUSTING INITIAL PO	OSITION OF PICKUP THE	REOF		
(Armstrong, Westerman, Hattori, McLeland & Naughton is hereby authorized to insert the sericode, serial number and/or filing date hereon, when known) and all Letters Patent of the United States to be obtained therefor on said application or at continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms in which the same may be granted. The ASSIGNOR agrees to execute all papers necessary in connection with the application and at continuation, divisional, reissue or reexamination applications thereof and also to execute separa assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient of the ASSIGNOR agrees to execute all papers necessary in connection with any interference litigation, or other legal proceeding which may be declared concerning this application or at continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issue thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producity evidence and proceeding with such interference, litigation, or other legal proceeding. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s) and the state of the stat	being filed after the filing of the application, this	unless otherwise indicated below:				
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RECORDED: 09/24/F(9995ZATION REQUIRED

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PATENT REEL: 010280 FRAME: 0193

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