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Attorney Docket No. 030959

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Director of Patents and Trademarks: Please record the attached original documents or copy thereof.

Submission type: XX New

Conveyance type:

XX Assignment

Conveying Party(ies):

(Last, First, Middle Initial)

Execution Date

First party

Name:

IWASA, Toshihide

June 19, 2003

Second party

Name:

KAMIMURA, Toru

June 18, 2003

Third party

Name:

Fourth party

Name:

/ ロム てらこてら

Additional name(s) of conveying party(ies) attached? Yes ____No_X

Receiving Party (ies):

First party

Name:

SANYO ELECTRIC CO., LTD.

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

Osaka, Japan

Additional name(s) & address(es) attached? Yes ___ No XX

Domestic Representative Name and Address (Enter for the first Receiving Party only)

> ARMSTRONG, WESTERMAN & HATTORI, LLP 1725 K Street, N.W., Suite 1000 Washington, D.C. 20006 Customer No. 23850

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PATENT REEL: 014777 FRAME: 0849

Page 2				
Correspondent Name and Address ARMSTRONG, WESTERMAN & HATTORI, LLP 1725 K Street, N.W., Suite 1000 Washington, D.C. 20006				
Pages Enter the total number of pages of the attached conveyance document:				
Application Number(s) or Patent Number(s) Additional numbers attached? Yes No XX A. Patent Application No.(s) B. Patent No.(s) ##				
If this document is being filed together with a <u>new</u> application, enter the date the application was signed by the first named executing inventor: <u>June 19, 2003</u> (Do not recite both application and patent numbers.)				
Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number has not been assigned PCT PCT/JP02/01066 PCT PCT PCT/JP02/01066 PCT PCT PCT/JP02/01066				
Number of Properties Enter the total number of properties involved:				
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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. William G. Kratz, Jr. Name of Person Signing August 7, 2003 Date Signature 22,631 Registration No.				
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PATENT REEL: 014777 FRAME: 0850

Docket No		Armstrong, Wes	terman & Hattori, LLP	
	U.S. A	SSIGNMENT		
(Insert ASSIGNEE's Name(s) Address(es))		n of One Dollar (\$1.00), and of other gned inventor(s) (hereinafter ASSIGNOD.		
	5 – 5, Keihanhondori 2 – cho	ome, Moriguchi – shi, Osaka, Japa	an	
	(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled			
(Title of Invention)	AUDIO PLAYER WE	ARABLE AROUND THE NE	CK	
(*If the assignment is being filed after the filing of the	for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:			
application, this section must be	filed on	, Serial N	0	
completed)	(Armstrong, Westerman & Hattori, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)			
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	IN WITNESS WHEREOF, the signature(s).	e undersigned inventor(s) has (have) a	ffixed his/her/their	
(Signatures)	Toshihide Iwasa	Toshihide Iwasa	6/19,2003	

Toshihide Iwasa	Toshihide Iwasa	6/19,2003
(Signature)	(Type Name)	(Date)
Toru Kammana (Signature)	Toru Kamimura	6/18,2003
(Signature)	(Type Name)	(Date)

NO LEGALIZATION REQUIRED

RECORDED: 08/07/2003

PATENT REEL: 014777 FRAME: 0851