To the Director of the U.S. Patent and Trademark  1. Name of conveying party(ies): Kelko Densho (05/11/2009), Yosuke Shimizu (05/19/2009), Naoki Sugiyarma (05/19/2009), Naoki Sugiyarma (05/19/2009), Nadisional name(s) at conveying party(ies) additional name(s) at conveying party(ies)  3. Nature of conveyance/Execution Date(s): Execution Date(s): in parentheses after inventor name	22/09 ( MAY 2 : 2009 W)	
To the Director of the U.S. Patent and Trademark  1. Name of conveying party(ies): Keiko Densho (05/11/2009), Yosuke Shimizu (05/19/2009), Naoto Shimizu (05/19/2009), Nao	5/MB 116: 0001-0027 (CXP: 00/4-1500)	)5 - 28 - 2009 DEPARTMENT OF COMMERCE ates Patent and Trademark Office
1. Name of conveying party(les): Keiko Densho (05/11/2009), Yosuke Shimizu (05/19/2009), Naoti Sugiyama (05/19/2009), Naoto Shimizu (05/19/2009), Additional name(s) of conveyance/Execution Date(s):  Execution Date(s): in parentheses after inventor name	P	<del></del> -
Keiko Densho (05/11/2009), Yosuke Shimizu (05/19/2009), Naoki Sugiyama (05/19/2009), Naoki Sugiyama (05/19/2009), Additional name(s) of conveying party(ies) attached?	To the Director of the U.S. Patent and Trademark	103561850 the new address(es) below.
Additional name(s) of conveying party(ies) attached?	Keiko Densho (05/11/2009), Yosuke Shimizu (05/19/2009), Naoki Sugiyama (05/19/2009),	Name: Sony Corporation
Execution Date(s): in parentheses after inventor name    X   Assignment		
Government Interest Assignment  Executive Order 9424, Confirmatory License  Other  Other  Additional name(s) & address(es)  Additional name(s) & address(es)  Yes X No  1 No  Additional name(s) & address(es)  Yes X No  Additional name(s) & address(es)  Yes X No  1 This document is being filled together with a new application.  B. Patent No.(s)  29/311,145  Additional numbers attached?  Yes X No  1 Name and address to whom correspondence concerning document should be mailed:  Name: RADER, FISHMAN & GRAUER PLLC  Internal Address: Atty. Dkt.: SDE-2304/CIP  Street Address: 1233 20th Street, N.W.  Suite 501  City: Washington  State: DC Zip: 20036  Phone Number: (202) 955-3750  Fax Number: (202) 955-3751  Eamal Address:  Signature:  May 22, 2009  May 22, 2009	Execution Date(s): in parentheses after inventor name	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Executive Order 9424, Confirmatory License  Other  Other  Additional name(s) & address(es)  Additional name(s) & address(es)  Yes X No  Additional name(s) & address(es)  Yes X No  This document is being filed together with a new application.  B. Patent No.(s)  29/311,145  Additional numbers attached?  Yes X No  Additional numbers attached?  Yes X No  6. Total number of applications and patents involved:  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  This document should be mailed:  Name: RADER, FISHMAN & GRAUER PLLC Internal Address: Atty. Dkt.: SDE-2304/CIP Street Address: 1233 20th Street, N.W.  Suite 501  City: Washington State: DC Zip: 20036 Phone Number: (202) 955-3750 Fax Number: (202) 955-3750 Fax Number: (202) 955-3751 Email Address:  Signature: May 22, 2009  May 22, 2009	Security Agreement Joint Research Agreement	City: Tokyo
Additional name(s) & address(es)	Government Interest Assignment	State:
A. Patent Application No.(s) 29/311,145  Additional numbers attached?  Yes X No  6. Total number of applications and patents involved:  Name: RADER, FISHMAN & GRAUER PLLC Internal Address: Atty. Dkt.: SDE-2304/CIP Street Address: 1233 20th Street, N.W. Suite 501  City: Washington State: DC Zip: 20036 Phone Number: (202) 955-3750 Fax Number: (202) 955-3751 Email Address:  Signature:  B. Patent No.(s)  6. Total number of applications and patents involved:  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged to deposit account Enclosed None required (government interest not affecting title Non		Additional name(s) & address(es) Yes X No
S. Name and address to whom correspondence concerning document should be mailed:  Name: RADER, FISHMAN & GRAUER PLLC  Internal Address: Atty. Dkt.: SDE-2304/CIP Street Address: 1233 20th Street, N.W. Suite 501  City: Washington State: DC Zip: 20036 Phone Number: (202) 955-3750 Fax Number: (202) 955-3751 Email Address:  Email Address:  Signature:  6. Total number of applications and patents involved:  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)  8. Payment Information  Deposit Account Number 18-0013 Sterling D. Fillmore  May 22, 2009	A. Patent Application No.(s) 29/311,145	B. Patent No.(s)
Name: RADER, FISHMAN & GRAUER PLLC  Internal Address: Atty. Dkt.: SDE-2304/CIP Street Address: 1233 20th Street, N.W. Suite 501    X	. Name and address to whom correspondence	6. Total number of applications and
Street Address: 1233 20th Street, N.W. Suite 501    X	Name: RADER, FISHMAN & GRAUER PLLC	
State:         DC         Zip:         20036           Phone Number:         (202) 955-3750         Deposit Account Number         18-0013           Fax Number:         (202) 955-3751         Deposit Account Number Authorized User Name         Sterling D. Fillmore           9. Signature:         May 22, 2009	Street Address: 1233 20th Street, N.W.	
May 22, 2009	State:         DC         Zip:         20036           Phone Number:         (202) 955-3750           Fax Number:         (202) 955-3751	Deposit Account Number18-0013
Signature	Att well	May 22, 2009

Sterling D. Fillmore - 63,796 Name of Person Signing

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Total number of pages including cover sheet, attachments, and documents:

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RECORDATION FORM COVER SHEET (PTO-1595) (supplemental sheet)					
Additional Convey	/ing Party(ies)/Execu	ution Date(s) (1. Continued):			
So <b>Mo</b> rimoto (05/19/2	2009), and Sohei Kitayar	ma (05/14/2009)			
Additional Assign	ees (2. Continued):				
Assignee Name: Internal Address: Street Address:		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
Street Address.					
City:	State:	Country:	Zip:		
Assignee Name: Internal Address: Street Address:					
City:	State:	Country:	Zip:		
Assignee Name: Internal Address: Street Address:					
City:	State:	Country:	Zip:		
Additional Applica	ations and/or Patents	s (4. Continued):			
Additional Patent Applicati 4A. Continued:	ion Numbers	Additional Patent Numbers 4B. Continued:	:		
	Additional numbers	attached? Yes No	)		

Docket No.: SDE-2304/CIP

## ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in

## EARPHONE

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, SONY CORPORATION, a Japanese corporation with offices at 1-7-1 Konan, Minato-ku, Tokyo, 108-0075 JAPAN, (hereinafter referenced as ASSIGNEES) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of Ten Dollar (\$10.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEES, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEES, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEES or its designee, as ASSIGNEES or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

Company and the second of the

PATENT REEL: 022748 FRAME: 0876 And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEES will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow:

Serial Number: 29/311,145, Filing Date:12/31/2008.

**RECORDED: 05/22/2009** 

This assignment executed on the dates indicated below.

Keiko DENSHO	Leipa	Densho	May 11, 2009
		Signature	Date
Yosuke SHIMIZU	Josephe -	Signature	May 19, 2009
•			Date
Naoki SUGIYAMA	Naohi Le	igijama	May 19. 2009
		Signature	Date
Naoto SHIMIZU	nasto i		May 19.2009
•	0 0	Signature	Date
so MORIMOTO	La Mon	Signature	May 19 sh 2009
	a k.		O Dack
Sohei KITAYAMA	Soler al	layena	may 14. 2009
		Signature	<pre>Datte</pre>

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