Form PTO-1595 (Rev. 0 OMB No. 0651-0027 (ex	3-11) - 03/31/2012)	U.S. DEPARTMENT OF COMMERCI United States Patent and Trademark Office
3	RECORDATION	
10E	PATE	
o the Director of t	ne U.S. Patent and Trademark Office: P	Ples ess(es) below.
1. Name of conv	eying party(ies):	103643258
Qi Zheng (03/19	9/2012), Rui Morisawa	Name: Sony Corporation
	omotsugu Minamikawa	
1 '	un Komiyama (03/21/2012), and inveying party(ies) attached? x Yes	Internal Address: No Street Address:
·	yance/Execution Date(s):	Street Address.
3. Nature of conve	yance/Execution Date(s).	1-7-1 Konan
	in parentheses after inventor name	Minato-Ku,
x Assignment	Merger Change of Name	
Security Agree	ment Joint Research Agreement	City: Tokyo
Government In	terest Assignment	State:
Executive Orde	r 9424, Confirmatory License	Country: JAPAN Zip: 108-0075
Other		Additional name(s) & address(es) Yes X No
		attached?
4. Application or	patent number(s):	This document is being filed together with a new application.
A. Patent Applicati	on No.(s)	B. Patent No.(s)
29/371	,938	
	Additional numbers atta	ached? Yes X No
	s to whom correspondence ment should be mailed:	6. Total number of applications and patents involved:
Name: RAD	ER, FISHMAN & GRAUER PLL	
Internal Address: A	ty. Dkt.: SDE-2742	04/12/2012 AMULLINS 00000012 180013
Street Address: 12	33 20th Street, N.W.	X Authorized to be charged to deposit account
Sı	iite 501	Enclosed
	•	None required (government interest not affecting title
		Notice required (government interest not ancoming time
City:	Washington	8. Payment Information
State:	DC Zip: 20036	<u>S. </u>
Phone Number:	(202) 955-3750	
Fax Number:	(202) 955-3751	Deposit Account Number 18-0013
Email Address:	dcpatentmail@raderfishman.cor	<u>Authorized User Name</u> <u>Sterling D. Fillmore</u>
9. Signature:	11/1/1/	
	19100	April 10, 2012
, 	Signature	Date
	Sterling D. Fillmore - 63,796 Name of Person Signing	Total number of pages including cover sheet, attachments, and documents: 5
1	Hattic of Ferson Signing	<u> </u>

PATENT REEL: 028161 FRAME: 0701

	RECORDATIO	N FORM Co (suppleme		(PTO-1595)	·
Additional Conveyin	ig Party(ies)/Exc	ecution Da	ate(s) (1. Cor	ntinued):	
Taichi Nokuo (03/21/20	12)				
	·				
Additional Assignee	s (2. Continued) :			
Internal Address:					
Street Address:					
City:	State:		Country:		Zip:
Assignee Name:					
Internal Address:					
Street Address:					·
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		•			,
City:	State:		Country:		Zip:
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Internal Address:					
Street Address:					
City:	State:		Country:		Zip:
Additional Applicati	ons and/or Pate	ents (4. Cc	ntinued):		
Additional Patent Application 4A. Continued:	Numbers		Additional Patent 4B. Continued:	Numbers	
		e			•
	Additional numb	pers attached?	Yes	s No	

Docket No.: SDE-2742

Docket Number: SDE-2742

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;

PATENT REEL: 028161 FRAME: 0703 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: 29/371,938, Filing Date: 02/01/2012.

This assignment executed on the dates indicated below.

	,		
Qi ZHENG	The		19 2012
	√ Signa	ature	Date
Rui MORISAWA	Mi-Ma	- Mari	
	Signa	ature	Date
Tomotsugu MINA	AMIKAWA Famotonya /	Miranitana M	lar 19. 2012
	Signa	ature	Date
Jun KOMIYAMA	Jun Komiyama	1 Mar	21 2012
	V Signa	ature	Date
Taichi NOKUO			
	Signa	ature	Date

PATENT REEL: 028161 FRAME: 0704

Attorney Docket No. SDE-2742

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;

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Serial Number: 29/371,938, Filing Date: 02/01/2012.

This assignment executed on the dates indicated below.

Q1 ZHENG	b .	
	Signature	Date
Rui MORISAWA		
	Signature	Date
Tomotsugu MINAMIKAW	<i>I</i> A	
	Signature	Date
Jun KOMIYAMA		
	Signature	Date
Taichi NOKUO	aich Nopuo	March 21, 20/2
	Signature	Date

PATENT REEL: 028161 FRAME: 0705

RECORDED: 04/10/2012