Form **PTO-1595** (Rev. 08/05) OMB No. 0651-0027 (exp. 6/30/2008)



U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

6,4.07

103414041

To the Director of the U.S. Patent and Trademark Office: Please  1. Name of conveying party(ies): Yuji Shishido (02/28/2007); Makoto Chiyoda (02/28/2007); Ichiro Nakamura (04/12/07) Additional name(s) of conveying party(ies) attached?  Yes x No  3. Nature of conveyance/Execution Date(s):  Execution Date(s): Noted Above  x Assignment Merger Change of Name  Security Agreement Joint Research Agreement	2. Name and address of receiving party(ies)  Name: Sony Corporation  Internal Address:  Street Address:  1-7-1 Konan Minato-Ku, Tokyo 108-0075	
Additional name(s) of conveying party(ies) attached?  Yes X No  3. Nature of conveyance/Execution Date(s):  Execution Date(s): Noted Above  X Assignment Merger Change of Name  Security Agreement Joint Research Agreement	Name: Sony Corporation Internal Address: Street Address: 1-7-1 Konan Minato-Ku, Tokyo 108-0075	
Additional name(s) of conveying party(ies) attached?  Yes X No  3. Nature of conveyance/Execution Date(s):  Execution Date(s): Noted Above  X Assignment Merger Change of Name  Security Agreement Joint Research Agreement	Internal Address: Street Address:  1-7-1 Konan Minato-Ku, Tokyo 108-0075	
Additional name(s) of conveying party(ies) attached?  Yes X No  3. Nature of conveyance/Execution Date(s):  Execution Date(s): Noted Above  X Assignment Merger Change of Name  Security Agreement Joint Research Agreement	Internal Address: Street Address:  1-7-1 Konan Minato-Ku, Tokyo 108-0075	
3. Nature of conveyance/Execution Date(s):  Execution Date(s): Noted Above  X Assignment Merger Change of Name  Security Agreement Joint Research Agreement	Street Address:  1-7-1 Konan Minato-Ku, Tokyo 108-0075	
Execution Date(s): Noted Above  X Assignment Merger Change of Name  Security Agreement Joint Research Agreement	1-7-1 Konan Minato-Ku, Tokyo 108-0075	
Execution Date(s): Noted Above  X Assignment Merger Change of Name  Security Agreement Joint Research Agreement	Minato-Ku, Tokyo 108-0075	
X Assignment Merger Change of Name  Security Agreement Joint Research Agreement	1	
Security Agreement Joint Research Agreement		
	JAPAN	
· []	City:	
Government Interest Assignment	State:	
Executive Order 9424, Confirmatory License	Country: Zip:	
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 Application No.(s)	B. Patent No.(s)	
11/650,954		
Additional numbers attached		
Additional numbers attached?	Yes X No	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Ronald P. Kananen	patents involved.	
RADER, FISHMAN & GRAUER PLLC	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
Internal Address: Atty. Dkt.: SON-3681	Authorized to be charged by credit card	
Street Address: 1233 20th Street, N.W. Suite 501	X Authorized to be charged to deposit account	
Suite 501	Enclosed	
	<b> </b> -	
	None required (government interest not affecting	
City: Washington	8. Payment Information	
State: DC Zip: 20036	a. Credit Card Last 4 Numbers	
Phone Number: (202) 955-3750	Expiration Date	
Fax Number: (202) 955-3751	b. Deposit Account Number 18-0013	
Email Address: rpk@raderfishman.com	Authorized User Name Ronald P. Kananen	
9. Signature:	<del>/</del>	
Signature	May 22, 2007	
	Date	
Ronald P. Kanánen - 24,104	Total number of pages including cover sheet, attachments, and documents:	
Name of Person Signing 007 MJAMA1 00000055 11650954 /	The state of the s	

**PATENT REEL: 019411 FRAME: 0579** 

Docket Number: SON-3681

## **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

## BEARING UNIT AND MOTOR USING THE SAME

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, located and doing business at 7-35 Kitashinagawa 6-Chome, Shinagawa-ku, Tokyo, JAPAN (hereinafter referenced as ASSIGNEE) are 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 One Dollar (\$1.00), 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 ASSIGNEE, 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;

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 ASSIGNEES thereof shall hereafter require and prepare at its own expense;

PATENT REEL: 019411 FRAME: 0580

Docket Number: SON-3681

And I further agree that ASSIGNEE 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: 11/650954, Filing Date: January 8, 2007

This assignment executed on the dates indicated below.

Yui	i Sh	ish	ido

Name of first inventor

Execution date of U.S. Patent Application

Kanagawa, Japan

Residence of first inventor

Juni Shishide
Signature of first inventor

28. Feb 200 7

Date of this assignment

Makoto Chiyoda

Name of first inventor

Execution date of U.S. Patent Application

Kanagawa, Japan

Residence of first inventor

Makabo Chiyoda Signature of first inventor

28 Teb 200 7 Date of this assignment

Ichiro Nakamura

Name of first inventor

Execution date of U.S. Patent Application

Chiba, Japan

Residence of first inventor

Johir nakamura

Signature of first inventor

12 Apr 2007

Date of this assignment

	Form <b>PTO-1595</b> (Rev. 08/05) DMB No. 0651-0027 (exp. 6/30/2008)
TON W	
100	To the Director of the U.S. Pate

## RECORDATION FORM COVER SHEET

U.S. DEPARTMENT	OF COMMERCE
United States Patent and	Trademark Office

PATENT	SONLY (SPU			
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below				
1. Name of conveying party(ies): Yuji Shishido (02/28/2007); Makoto Chiyoda (02/28/2007); Ichiro Nakamura (04/12/07	Name and address of receiving party(ies)     Name: Sony Corporation			
Additional name(s) of conveying party(ies) attached?  Yes X No	Internal Address:  Street Address:			
3. Nature of conveyance/Execution Date(s):  Execution Date(s): Noted Above  X Assignment Merger Change of Name  Security Agreement Joint Research Agreement	1-7-1 Konan Minato-Ku, Tokyo 108-0075 JAPAN			
Government Interest Assignment	State:			
Executive Order 9424, Confirmatory License  Other	Country: Zip:  Additional name(s) & address(es) Yes X No attached?			
4. Application or patent number(s):  A. Patent Application No.(s)  11/650,954	This document is being filed together with a new application.  B. Patent No.(s)			
Additional numbers attached	? Yes X No			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
Name: Ronald P. Kananen RADER, FISHMAN & GRAUER PLLC Internal Address: Atty. Dkt.: SON-3681 Street Address: 1233 20th Street, N.W. Suite 501	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card  X Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title			
City: Washington	8. Payment Information			
State:         DC         Zip:         20036           Phone Number:         (202) 955-3750           Fax Number:         (202) 955-3751         //           Email Address:         rpk@raderfishman.com/	a. Credit Card Last 4 Numbers Expiration Date  b. Deposit Account Number 18-0013 Authorized User Name Ronald P. Kananen			
9. Signature: Signature	May 22, 2007 Date			
Ronald P. Kananen - 24,104  Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:			
2007 MJAMA1 00000055 180013 11650954				

06/06/2007

40:00 DA 01-FC:8021-10

> **PATENT** REEL: 019411 FRAME: 0582

**RECORDED: 06/04/2007**