

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the inventors listed on the Notice of Recordation - incorrect Recordation Form Cover Sheet submitted with executed Assignment previously recorded on Reel 021529 Frame 0953. Assignor(s) hereby confirms the Assignment of Assignor(s) interest.

**CONVEYING PARTY DATA**

Name	Execution Date
Nobuhiko Ohguchi	07/23/2008
Wataru Kokubo	07/23/2008
Kenichi Hirano	07/28/2008
Toshihiro Kusunoki	07/29/2008

**RECEIVING PARTY DATA**

<b>Name:</b>	Sony Corporation
<b>Street Address:</b>	1-7-1 Konan, Minato-ku
<b>City:</b>	Tokyo
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	108-0075

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12231558

**CORRESPONDENCE DATA**

Fax Number: (617)646-8646  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 6176468000  
 Email: jleveille@wolfgreenfield.com  
 Correspondent Name: Wolf, Greenfield & Sacks, P.C.  
 Address Line 1: 600 Atlantic Avenue  
 Address Line 4: Boston, MASSACHUSETTS 02210

<b>ATTORNEY DOCKET NUMBER:</b>	S1459.70499US00
<b>NAME OF SUBMITTER:</b>	Randy J. Pritzker

**CH \$40.00 12231558**

**PATENT**

Total Attachments: 5

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U.S. PTO  
12/231558  
09/04/2008

Form PTO-1595 (Rev. 07/05)  
OMB No. 0651-0027 (exp. 6/30/2008)

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

09-15-2008



IT

To the Director of the U.S. Patent and Trademark Office

Documents or the new address(es) below.

103524646

9-15-08

1. Name of conveying party(ies):

Wataru Kokubo (07/11/2008), Kenichi Hirano (07/11/2008), and Toshihiro Kusunoki (07/11/2008)

Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)

Name: Sony Corporation

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

1-7-1 Konan, Minato-ku  
Tokyo, 108-0075  
JAPAN

City: \_\_\_\_\_

State: \_\_\_\_\_

Country: \_\_\_\_\_ Zip: \_\_\_\_\_

Additional name(s) & address(es) attached:  Yes  No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

Assignment  Merger  Change of Name

Security Agreement  Joint Research Agreement

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other \_\_\_\_\_

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

This application

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Randy J. Pritzker  
WOLF, GREENFIELD & SACKS, P.C.

Internal Address: \_\_\_\_\_

Street Address: Federal Reserve Plaza  
600 Atlantic Avenue

City: Boston

State: MA Zip: 02210-2206

Phone Number: \_\_\_\_\_

Fax Number: 617.646.8646

Email Address: rpritzker@wolfgreenfield.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number \_\_\_\_\_  
Authorized User Name \_\_\_\_\_

9. Signature:

Randy J. Pritzker  
Signature

9-4-08  
Date

Randy J. Pritzker - 35,986  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3

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S1459.70498US00  
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PATENT  
REEL: 021562 FRAME: 0680

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 SPEAKER UNIT AND AUDIO OUTPUT ROBOT DEVICE

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, Japan (hereinafter referenced as ASSIGNEE) 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 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 ASSIGNEE, 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 and 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 ASSIGNEE or its designee, as ASSIGNEE 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 ASSIGNEE thereof shall hereafter require and prepare at its own expense;

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: \_\_\_\_\_, Filing Date: \_\_\_\_\_.

This assignment executed on the dates indicated below.

Nobuhiko OHGUCHI	Execution date of U.S. Patent Application
Tokyo, Japan	
Residence of first or sole inventor	
<i>Nobuhiko Ohguchi</i>	23 July 2008
Signature of first or sole inventor	Date of this assignment

Wataru KOKUBO

Name of second inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of second inventor

*Wataru Kokubo*

*23. July 2008*

Signature of second inventor

Date of this assignment

Kenichi HIRANO

Name of third inventor

Execution date of U.S. Patent Application

Saitama, Japan

Residence of third inventor

*Kenichi Hirano*

*28. July. 2008*

Signature of third inventor

Date of this assignment

Toshihiro KUSUNOKI

Name of fourth inventor

Execution date of U.S. Patent Application

Tokyo, Japan

Residence of fourth inventor

*Toshihiro Kusunoki*

*29. July. 2008*

Signature of fourth inventor

Date of this assignment

Name of fifth inventor

Execution date of U.S. Patent Application

Residence of fifth inventor

Signature of fifth inventor

Date of this assignment