

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT								
NATURE OF CONVEYANCE:	Corrective Assignment to correct the THE ASSIGNEE TOHOKU PIONEER CORPORATION WAS OMITTED FROM THE ASSIGNMENT previously recorded on Reel 017165 Frame 0076. Assignor(s) hereby confirms the THE ORIGINAL ASSIGNMENT READS AS PIONEER CORPORATION AND TOHOKU PIONEER CORPORATION.								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>TERUAKI KAIYA</td><td>11/08/2005</td></tr><tr><td>SEIYA SATO</td><td>11/08/2005</td></tr></tbody></table>		Name	Execution Date	TERUAKI KAIYA	11/08/2005	SEIYA SATO	11/08/2005		
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TERUAKI KAIYA	11/08/2005								
SEIYA SATO	11/08/2005								
RECEIVING PARTY DATA									
<table border="1"><tr><td>Name:</td><td>PIONEER CORPORATION</td></tr><tr><td>Street Address:</td><td>4-1, MEGURO 1-CHOME, MEGURO-KU</td></tr><tr><td>City:</td><td>TOKYO</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr></table>		Name:	PIONEER CORPORATION	Street Address:	4-1, MEGURO 1-CHOME, MEGURO-KU	City:	TOKYO	State/Country:	JAPAN
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PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11257129</td></tr></tbody></table>		Property Type	Number	Application Number:	11257129				
Property Type	Number								
Application Number:	11257129								
CORRESPONDENCE DATA									
Fax Number: (703)685-0573 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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Address Line 2: SUITE 500									

501197763

PATENT
REEL: 024498 FRAME: 0975

OP \$40.00 11257129

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:

8048-1133

NAME OF SUBMITTER:

Eric Jensen

Total Attachments: 7

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ASSIGNMENT

WHEREAS, Teruaki KAIYA and Seiya SATO of Yamagata, Japan

ha _____ invented certain new and useful improvements in _____
SPEAKER DEVICE AND MANUFACTURING METHOD THEREOF

for which _____ application for Letters
 (I/we have made—or am/are about to make)

Patent of the United States of America;

AND WHEREAS, PIONEER CORPORATION of 4-1, Meguro 1-chome, Meguro-ku,
Tokyo, Japan and TOHOKU PIONEER CORPORATION of 1105, Aza Nikko, Oaza Kunomoto,
Tendo-shi, Yamagata, Japan
 desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor from the
 United States;

NOW THEREFORE, be it known by all whom it may concern, that for and in consideration of

_____ Dollars (\$_____) to _____ in hand paid, the receipt of which is hereby acknowledged _____ have assigned, sold, and set over, and by these presents do hereby assign, sell, and set over unto the said

* _____ right, title, and interest in and to the said invention, as fully set forth and described in the:

Delete
 inapplicable
 wording

(a) specification prepared and executed by 8 on the November day of 2005, ~~xxx~~

~~xxx application filed on the xxx day of xxx, xxx, Serial No. xxx~~

preparatory to obtaining Letters Patent therefor; said invention, application and Letters Patent to be held and enjoyed by the said _____

for _____ own use and behoof, and for _____ legal representatives, to the full end of the term for which said Letters Patent are granted, as fully and entirely as the same would have been held by _____ had this assignment and sale not been made.

IN TESTIMONY WHEREOF, _____ hereunto set _____ hand _____ and affix _____ seal _____ at

_____ this 8 day of November, A.D. 2005

Teruaki KAIYA

(Inventor's full Signature) Teruaki KAIYA

Seiya SATO

Seiya SATO

* State whether the full and exclusive right, or what part of the whole interest is assigned.

ASSIGNMENT

WHEREAS, Teruaki KAIYA and Seiya SATO of Yamagata, Japan
(hereinafter "Assignors")

have invented certain new and useful improvements in
SPEAKER DEVICE AND MANUFACTURING METHOD THEREOF

for which we have made application for Letters
(I/we have made—or am/are about to make)

Patent of the United States of America;

AND WHEREAS, PIONEER CORPORATION of 4-1, Meguro 1-chome, Meguro-ku,
Tokyo, Japan and TOHOKU PIONEER CORPORATION of 1105, Aza Nikko, Oaza Kunimoto,
Tendo-shi, Yamagata, Japan (hereinafter "Assignees")
desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor from the
United States;

NOW THEREFORE, be it known by all whom it may concern, that for and in consideration of
Ten and 00/100 Dollars (\$10.00)

Assignors
to in hand paid, the receipt of which is hereby acknowledged, Assignors

have assigned, sold, and set over, and by these presents do hereby assign, sell, and set over unto the said
Assignees

* full and exclusive right, title, and interest in and to the said invention,
as fully set forth and described in the:

Delete
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wording

(a) specification prepared and executed by 8 on the November day of 2005, ~~xx~~

~~xx application filed on the day of 2005 Serial No. xxxxxxxx~~

preparatory to obtaining Letters Patent therefor; said invention, application and Letters Patent to be
held and enjoyed by the said Assignees

for their own use and behoof, and for their legal representatives, to the full end of the term

for which said Letters Patent are granted, as fully and entirely as the same would have been held by

Assignors had this assignment and sale not been made.

IN TESTIMONY WHEREOF, we hereunto set our hand s and affix our seal s at
Tokyo and Yamagata this 8 day of November, A.D. 2005

Teruaki KAIYA

(Inventor's full Signature) Teruaki KAIYA

Seiya SATO

Seiya SATO

* State whether the full and exclusive right, or what part of the whole interest is assigned.

1/05/2006
700234640Mail Stop Assignment
Recordation Services
Attorney Docket No. 8048-1133

Form PTO-1293

RECORDATION FORM COVER SHEET

U.S. Department of Commerce
U.S. Patent and Trademark Office

PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of Conveying Party(ies):

Teruaki KAIYA

Seiya SATO

2. Name and address of receiving party(ies)

Name: PIONEER CORPORATION

Address: 4-1, Meguro 1-chome, Meguro-ku
Tokyo, JAPAN

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

☐ Yes☒ No

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other: _____

Additional name(s) and address(es) attached?

☒ Yes☐ No

Execution Date: November 8, 2005

4. Application number(s) or patent number(s):

11287,122

This document is being filed with a new application, the execution date of the application is:

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No

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

Customer No.: 90456

YOUNG & THOMPSON

Second Floor

745 South 23rd Street

Arlington, VA 22202

Phone: 703-521-2297

Fax: 703-685-0573

6. Total number of applications and patents involved:

1

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

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit Account No. 25-0120

(Attach duplicate copy of this page if paying by deposit account)

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9. 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.

Renolt Castel

Name of Person Signing

Signature

January 5, 2006

Date

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

Certificate of Transmission

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office on January 5, 2006.

Paul M. Tate

PATENT

REEL: 024498 FRAME: 0980

