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Attorney Docket No. 8048-1088

Form PTO-1395

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

1. Name of Conveying Party(ies):
Tomoyuki WATANABE

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☐ Security Agreement☐ Other: _____☐ Merger☐ Change of NameExecution Date: **March 11, 2005**

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

☒ Yes ☐ No

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

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

A. Patent Application No(s).
11/084,114

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.: 00466
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:

17. Total fee (37 CFR 3.41) **\$40.00**☐ Enclosed☒ Authorized to be charged to deposit account8. 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.***Benoit Castel**

Name of Person Signing

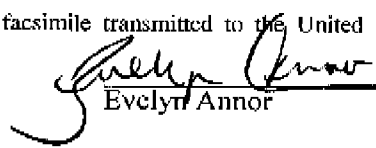

Signature**September 15, 2005**

Date

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

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I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office on September 15, 2005.


Evelyn Annor

PATENT

REEL: 016807 FRAME: 0159

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Additional conveying and receiving parties

Continuation of Box 1--Name of conveying party(ies):

Continuation of Box 2--Name and address of receiving party(ies):

Name: Tohoku Pioneer Corporation**Address:** 1105, Aza Nikko, Oaza Kunomoto, Tendo-shi, Yamagata, Japan**Name:****Address:**

Continuation of Box 4--Application number(s) or patent number(s):

PATENT**REEL: 016807 FRAME: 0160**

58P0679US / 03118903

Deed of Assignment (Before Patent)

ASSIGNMENT

WHEREAS, Tomoyuki WATANABE of Yamagata, Japan

ha invented certain new and useful improvements in
SPEAKER DEVICE AND METHOD OF
MANUFACTURING THE SPEAKER DEVICE

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 Kunimoto,
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 on the 11 day of 3, 2005

~~by application filed on the 19 day of 10, 2005~~

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 11 day of 3, A.D. 2005

Tomoyuki Watanabe

(Inventor's full Signature) Tomoyuki WATANABE

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