
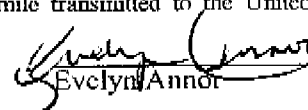


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Form PTO-1525		RECORDATION FORM COVER SHEET		U.S. Department of Commerce U.S. Patent and Trademark Office	
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of Conveying Party(ies): <b>Tomoyuki WATANABE</b>  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies) Name: <b>Pioneer Corporation</b>  Address: <b>4-1, Meguro 1-chome, Meguro-ku, Tokyo, Japan</b>		
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: _____ Execution Date: <b>March 11, 2005</b>			Additional name(s) and address(es) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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). <b>11/083,992</b> B. Patent No(s). _____  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed:  <b>Customer No.: 00466</b> <b>YOUNG &amp; THOMPSON</b> <b>Second Floor</b> <b>745 South 23<sup>rd</sup> Street</b> <b>Arlington, VA 22202</b> <b>Phone: 703-521-2297</b> <b>Fax: 703-685-0573</b>			6. Total number of applications and patents involved: <b>1</b>  7. Total fee (37 CFR 3.41) ..... <b>\$40.00</b> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account  8. Deposit Account No. <b>25-0120</b> (Attach duplicate copy of this page if paying by deposit account)		
<b>DO NOT USE THIS SPACE</b>					
9. Statement and signature. <i>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.</i>  <div style="display: flex; justify-content: space-between;"> <div> <b>Benoit Castel</b>            Name of Person Signing         </div> <div style="text-align: center;">             Signature         </div> <div> <b>September 9, 2005</b>            Date         </div> </div> <p style="text-align: center;">Total number of pages including cover sheet, attachments, and documents: <b>2</b></p>					

Certificate of Transmission

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office on September 9, 2005.

  
 Evelyn Annor

**RECORDATION FORM COVER SHEET**

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):

5890678 US / 031188 US

Deed of Assignment (Before Patent)

## ASSIGNMENT

WHEREAS, Tomoyuki WATANABE of Yamagata, Japanha invented certain new and useful improvements in SPEAKER DEVICEfor 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 on the 11 day of 3, 2005~~no application filed on the \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, Serial No. \_\_\_\_\_~~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. 2005Tomoyuki Watanabe

(Inventor's full Signature) Tomoyuki WATANABE

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