Mail Stop Assignment Recordation Services Attorney Docket No. 8048-1132

		Attorney Docket No. 8048-11
orm PTO-1595	RECORDATION F	ORM COVER SHEET  U.S. Department of Communication U.S. Patent and Trisdemark Office
	PATEN	TS ONLY
To the Honorable (	Commissioner of Patents and Trademarks	8: Please record the attached original documents or copy thereof.
Name of Conveying Teruaki KAIYA Seiya SATO		2. Name and address of receiving party(ics)  Name: PIONEER CORPORATION  Address: 4-1, Meguro 1-chome  Meguro-ku, Tokyo  JAPAN
Yes No No Nature of Convey Assignment Security Agre	Merger	Additional name(s) and address(es) attached?  Yes  No
	er(s) or patent number(s): filed with a new application, the exec	aution date of the application is:
Detaut A	pplication No(s).	B. Patent No(s).
A. Patent Ap 11/257,		
	113	additional numbers attached? 🔲 Yes 🛛 No
1.1/2.57,	113	Additional numbers attached?  Yes  No  6. Total number of applications and patents involved:
11/257,  Name and address of concerning document Customer No.: YOUNG & THO	A of party to whom correspondence nt should be mailed:	<ul> <li>6. Total number of applications and patents involved:  1  7. Total fee (37 CFR 3.41)\$40.00  ☐ Enclosed</li> </ul>
5. Name and address of concerning documents.  YOUNG & THO Second Floor 745 South 23rd S Arlington, VA 2 Phone: 703-521-	And of party to whom correspondence on should be mailed:  O0466  MPSON  treet  22202  -2297	<ul> <li>6. Total number of applications and patents involved:  1</li> <li>7. Total fee (37 CFR 3.41)\$40.00</li> </ul>
11/257,  Name and address of concerning documents  Customer No.:  YOUNG & THO  Second Floor  745 South 23 <sup>rd</sup> S  Arlington, VA 2	And party to whom correspondence on should be mailed:  00466 MPSON  treet 22202 -2297	<ul> <li>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</li> <li>8. Deposit Account No. 25-0120  (Attach duplicate copy of this page if paying by</li> </ul>
5. Name and address of concerning documer.  Customer No.:  YOUNG & THO  Second Floor  745 South 23 <sup>rd</sup> S  Arlington, VA 2  Phone: 703-521-  Fax: 703-685-05	113  A of party to whom correspondence int should be mailed:  00466  MPSON  treet 22202  -2297  573  DO NOT Legisture.  knowledge and belief, the foregoing	<ul> <li>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</li> <li>8. Deposit Account No. 25-0120  (Attach duplicate copy of this page if paying by deposit account)</li> </ul>
11/257,  5. Name and address of concerning documents  Customer No.:  YOUNG & THO  Second Floor  745 South 23 <sup>rd</sup> S  Arlington, VA 2  Phone: 703-521-  Fax: 703-685-05  9. Statement and sign To the best of my copy of the origin	of party to whom correspondence int should be mailed:  00466  MPSON  treet  22202  -2297  573  DO NOT Legisture.  knowledge and belief, the foregoing mail document.  Signing	6. Total number of applications and patents involved:  1 7. Total fee (37 CFR 3.41)\$40.40  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)  USE THIS SPACE  information is true and correct and any attached copy is a true

1 hereby certify that this correspondence is being facsimile transpitted to the United States Patent and Trademark Office on June 2, 2006.

Roseanna Kaplan

Atty. Docket No.: 8048-1132 Page 2 of 2

	RECORDATION FORM COVER SHEET  Additional conveying and receiving parties	
Continuation of Box 1Name of conveying party(îes):		
Continuation	n of Box 2Name and address of receiving party(ies):	
Name:	TOHOKU PIONEER CORPORATION	
Address:	1105, Aza Nikko, Oaza Kunomoto, Tendo-shi, Yamagata, Japan	
Name:		
Address:		
Continuatio	on of Box 4Application number(s) or patent number(s):	-

Deed of Assignment (Before ent)

## ASSIGNMENT

_	WHEREAS, Teruaki KAIYA and Seiya SATO of Yamagata, Japan
	(hereinafter "Assignors"),
ha.V	SPEAKER DEVICE invented certain new and useful improvements in
,	
	we have made
for v	which application for Letters (I/we have made—or am/are about to make)
Pate	ent of the United States of America;
	AND WHEREAS, PIONEER CORPORATION of 4-1, Meguro 1-chome, Meguro-ku,
Tok	kyo, Japan and TOHOKU PIONEER CORPORATION of 1105, Aza Nikko, Qaza Kunomoto
Ter desir	ndo-shi, Yamagata, Japan (hercinafter "Assignees"), rous of acquiring an interest therein and in the Letters Patent to be obtained therefor from the
Unit	ted States;
	NOW THEREFORE, be it known by all whom it may concern, that for and in consideration of
<u>T</u>	cn and 00/100 Dollars (\$_10.00)
to	Assignors /Assignors in hand paid, the receipt of which is hereby acknowledged . Assignors
	e assigned, sold, and set over, and by these presents do hereby assign, sell, and set over unto the said
	siguess
∗Įū	11 and exclusive right, title, and interest in and to the said invention,
as fu	ully set forth and described in the:
	(a) specification prepared and executed by 8 on the November day of 2005, 384,
cable g	x/b/popiliation/flodenchecccccccccinon/ccccccccccc/deccccinin/Nexxxxvccccccxxx
prepa	aratory to obtaining Letters Patent therefor; said invention, application and Letters Patent to be
held	and enjoyed by the said Assignees
	their own use and behoof, and for legal representatives, to the full end of the term
for v	which said Letters Patent are granted, as fully and entirely as the same would have been held by
Ass	signors and this assignment and sale not been made.
	IN TESTIMONY WHEREOF, _we_ hereunto set _our_ hands_ and affix_our_ seals_ at
v.	amagata, Japan, this 8 day of November , A.D.xxx 2005
41	
	Teruaki KAIYA  (Inventor's full Signature) Teruaki KA
	(inventor's full Signature) ACLUCIAL NA
	Seiya SATO Seiya sato

PATENT REEL: 017727 FRAME: 0366

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