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To the Honorable Commissioner o	Patents and Trademarks: Please record the attached original documents or copy thereof.
Name of Conveying Party(ies) Shunji TAKEDA Satoshi HACHIYA Koji MATSUMOTO Additional name(s) of conveying party(ie Yes	Additional name(s) and address(es) attached? Merger Change of Name Additional name(s) and address(es) attached? No
Application number(s) or pate This document is being filed with a	nt number(s): new application, the execution date of the application is:
A. Patent Application No 11/526,575	(s). B. Patent No(s). Additional numbers attached? ☐ Yes ☒ No
Name and address of party to wh concerning document should be	
Customer No. 00466 YOUNG & THOMPSON Second Floor	7. Total fee (37 C.F.R. §3.41)
745 South 23 rd Street Arlington, VA 22202 Telephone: 703-521-2297 Telecopier: 703-685-0573	8. Deposit Account No. 25-0120
	DO NOT USE THIS SPACE
 Statement and signature. To the best of my knowledge a true copy of the original doc Benoît Castel, #35,041 	nd belief, the foregoing information is true and correct and any attached copy is iment. Benoth Castel December 14, 2006
Name of Person Signing	Signature Date
Total number of	pages including cover sheet, attachments, and documents: Four (4)
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Docket No. 8048-1191 Page 2 of 2

	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):

Deed of Assignment (Before Patent)

0600484501/05103345

	ASSIGNMENT
	WHEREAS, Shunji TAKEDA of Ehime, Japan
ha s	invented certain new and useful improvements in DIAPHRAGM_FOR_SPEAKER_AND
	MANUFACTURING METHOD THEREOF
for v	which <u>he has made an</u> application for Letters (I/we have made—or am/aro about to make)
Pate	nt of the United States of America;
Tok	AND WHEREAS, PIONEER CORPORATION of 4-1, Meguro 1-chome, Meguro-ku, yo, Japan and TOHOKU PIONEER CORPORATION of 1105, Aza Nikko, Oaza Kunomot
Ten	do-shi, Yamagata, Japan (hereinafter "Assignees"), are ous of acquiring an interest therein and in the Letters Patent to be obtained therefor from the
Unit	ed States;
	NOW THEREFORE, be it known by all whom it may concern, that for and in consideration of
Te	n and 00/100 Dollars (\$)
to	him_ in hand paid, the receipt of which is hereby acknowledged . Shunji TAKEDA has
	assigned, sold, and set over, and by these presents do hereby assign, sell, and set over unto the said
Ass	ignees
• _ <u>t</u>	he_full_and_exclusive right, title, and interest in and to the said invention,
	lly set forth and described in the: /TAKEDA
te plicable	(a) specification prepared and executed by Shunji on the 5th day of October, xx 2006
ding	x xyooccassooddaadaacaccooccascascascooccascasdaadaacaccasdaadaadaacaccascascascascascascascascascascasca
ргера	ratory 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 fortheir legal representatives, to the full end of the term
for w _Shu	which said Letters Patent are granted, as fully and entirely as the same would have been held by TAKEDA and this assignment and sale not been made.
	IN TESTIMONY WHEREOF, _I_ hereunto set _My_ hand and affix _My_ sea! at me. Japan this _5 th day of October, A.D. 2006
	Shunji TAKEDA (Inventor's full Signature)Shunji TAKE
	, , , , , , , , , , , , , , , , , , ,

PATENT REEL: 018656 FRAME: 0998

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

Deed of Assignment (Before Patent)

ASSIGNMENT

	WHEREAS, Satoshi HACHIYA and Koji MATSUMOTO of Yamagata, Japan
_(ber	eineffer "Applicants"),
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
havo	2. invented certain new and useful improvements inDIAPHRAGM_FOR_SPEAKER_AND_MANUFACTURING
	HOD_THEREOF
for whi	ch Applicants have made an (I/we have made—or am/are about to make)
Patent	of the United States of America;
Ä	AND WHEREAS, PIONEER CORPORATION of 4-1, Meguro 1-chome, Meguro-ku,
Tendo	, Japan and TOHOKU PIONEER CORPORATION of 1105, Aza Nikko, Oaza Kunomoto, -shi, Yamagata, Japan (hereinafter "Assignees"), s of acquiring an interest therein and in the Letters Patent to be obtained therefor from the
United	States;
ĭ	OW THEREFORE, be it known by all whom it may concern, that for and in consideration of
	and_00/100Dollars (\$_10.90)
to	Applicants in hand paid, the receipt of which is hereby acknowledgedApplicants
	signed, sold, and set over, and by these presents do hereby assign, sell, and set over unto the said
<u>Aşsi</u>	<u>ruees</u>
* the	full and exclusive right, title, and interest in and to the said invention,
	set forth and described in the:
plicable	Applicants on the $\angle 3th$ day of $\triangle 2tee = 1$ , $195 - 2tee = 1$
ding XI	yseessan the control of the second second control of the second s
prepara	tory to obtaining Letters Patent therefor; said invention, application and Letters Patent to be
held and	l enjoyed by the said _Assignecs
for _t_h	own use and behoof, and for _their legal representatives, to the full end of the term
for which	th said Letters Patent are granted, as fully and entirely as the same would have been held by
- JAPP	licants had this assignment and sale not been made.
	N TESTIMONY WHEREOF, _we hereunto set _our_ hand s_ and affix seal s_ at
-Yama	gata, Japan, this/3_th day of, A.D.xto 2006.
	(Inventor's full Signature Bat Oshi MACHIYA
	Kaji Makuroto Koji MATSUMOTO

PATENT REEL: 018656 FRAME: 0999

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