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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KAZUAKI WATANABE	06/06/2017
JUNICHI SATO	05/26/2017
SUSUMU MIYATA	05/29/2017
MAKOTO TSURUTA	05/29/2017

RECEIVING PARTY DATA

Name:	PIONEER CORPORATION
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State/Country:	JAPAN
Postal Code:	113-0021
Name:	TOHOKU PIONEER CORPORATION
Street Address:	1105, AZA NIKKOH, OAZA KUNOMOTO
Internal Address:	TENDO-SHI
City:	YAMAGATA
State/Country:	JAPAN
Postal Code:	994-8585
Name:	ANDEN CO., LTD.
Street Address:	1-10 SASAME-CHO
Internal Address:	ANJO-CITY
City:	AICHI
State/Country:	JAPAN
Postal Code:	446-8503

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15542542

CORRESPONDENCE DATA

Fax Number: (703)685-0573

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ATTORNEY DOCKET NUMBER: 8161-1014

NAME OF SUBMITTER: ERIC JENSEN

SIGNATURE: /Eric Jensen/

DATE SIGNED: 07/10/2017

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2 source=ASSMT#page1.tif source=ASSMT#page2.tif

ASSIGNMENT AND INVENTOR'S DECLARATION

WHEREAS I/we, the undersigned inventor(s), hereafter also referred to as "assignor(s)", have invented certain new and useful improvements described in the application identified below; and

WHEREAS, 1) Pioneer Corporation, 2)Tohoku Pioneer Corporation and 3) ANDEN CO., LTD., whose address are 1) 28-8, Honkomagome 2-chome, Bunkyo-ku, Tokyo 113-0021, Japan, 2) 1105, Aza Nikkoh, Oaza Kunomoto, Tendo-shi, Yamagata 994-8585, Japan, and 3) 1-10 SASAME-CHO, ANJO-CITY, AICHI 446-8503, Japan, hereinafter referred to as "assignee(s)", is desirous of acquiring the entire right, title and interest in and to the application and invention, and to any United States patents to be obtained therefor;

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the above-named assignor(s), hereby sell, assign and transfer to the above named assignee(s), its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including any right to bring or maintain an action for infringement under the provisional rights granted pursuant to Title 35, Section 154 of the United States Code or any other cause of action for acts which would constitute infringement occurring prior to this assignment, and including the right to claim priority under the International Convention of Paris (1883), as amended, of or in any corresponding foreign patent application, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee(s), its successors and assigns.

is a below named inventor, I nereby declare that:			
This assignment and declaration is directed to:		The attached application, or	
		United States Application or PCT International Application Number PCT/JP2015/050504 filed on January 9, 2015 (Confirmation No).

The application is entitled: _SPEAKER DEVICE

The above-identified application was made or was authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Given Name(s)	Kazuaki	Family Name/Surname(s) WATANABE	
Inventor's Signature:	Kazuaki	Watanabe	Date Jun. 06, 2017
Given Name(s)	Junichi		Family Name/Surname(s) SATO
Inventor's Signature:	Junichi	Sato	Date May 26 2017

Given Name(s) Susumu	Family Name/Surname(s)	MIYATA
Inventor's Signature: Muyata	Date	May 29, 2017
Given Name(s) Makoto	Family Name/Surname(s)	TSURUTA
Inventor's Signature: Make to Iswuta	Date	May 29, 2017
Given Name(s)	Family Name/Surname(s)	
Inventor's Signature:	Date	