## PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY	DATA					
		N	ame	Execution Date		
HAJIME YOSHINO				07/01/2011		
RECEIVING PARTY D	ΑΤΑ					
Name:	PIONEER CORPORATION					
Street Address:	1-1, SHIN-OGI	1-1, SHIN-OGURA, SAIWAI-KU, KAWASAKI-SHI				
City:	KANAGAWA					
State/Country:	JAPAN					
Postal Code:	212-0031					
	RS Total: 1					
Property Type			Number			
Application Number: 132		13201	01859			
CORRESPONDENCE	DATA				13201859	
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ATTORNEY DOCKET NUMBER:			8123-1052-1			
NAME OF SUBMITTER:			Eric Jensen			
Total Attachments: 1 source=ASSMT#page1.tif						

Desd of Assignment (Before Patent)

	ASSIGNMENT
	WHEREAS, Hajime YOSHINO of Edogawa , Japan
	SPEAKER POLARITY DETERMINATION DEVICE
has_	invented certain new and useful improvements inSPEAKER POLARITY DETERMINATION DEVICE
for w	hich application for Letter (I/we have made-or am/are about to maka)
Pater	nt of the United States of America;
	AND WHEREAS, PIONEER CORPORATION of 1-1, Shin-ogura, Saiwai-ku,
	Kawasaki-shi, Kanagawa 212-0031 Japan
	ous of acquiring an interest therein and in the Letters Patent to be obtained therefor from the States; NOW THEREFORE, be it known by all whom it may concern, that for and in consideration
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to	
have	assigned, sold, and set over, and by these presents do hereby assign, sell, and set over unto the su
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* as ful leabla	assigned, sold, and set over, and by these presents do hereby assign, sell, and set over unto the same right, title, and interest in and to the said invention ly set forth and described in the: (a) specification prepared and executed by on the day of $July, 201$ (b) application filed on the day of $uly, 201$
* as ful leabla ng preps	assigned, sold, and set over, and by these presents do hereby assign, sell, and set over unto the same right, title, and interest in and to the said invention ly set forth and described in the: (a) specification prepared and executed by on the day of, 201 (b) application filed on the, Serial Nor, Serial Nor, Serial Nor, 201 wratory to obtaining Letters Patent therefor; said invention, application and Letters Patent to 1
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* as ful deable preps held : for	assigned, sold, and set over, and by these presents do hereby assign, sell, and set over unto the said invention right, title, and interest in and to the said invention ly set forth and described in the: (a) specification prepared and executed by on the is, Serial Ne (b) application filed on the day of is, Serial Ne pratory to obtaining Letters Patent therefor; said invention, application and Letters Patent to I and enjoyed by the said legal representatives, to the full end of the ter thich said Letters Patent are granted, as fully and entirely as the same would have been held I had this assignment and sale not been made. IN TESTIMONY WHEREOF, herewrone set hand and affix seal HAJIME YOSHIND

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

PATENT

**REEL: 026761 FRAME: 0344** 

**RECORDED: 08/17/2011** 

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