

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3287553

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
PIONEER CORPORATION	03/02/2015

**RECEIVING PARTY DATA**

<b>Name:</b>	PIONEER DJ CORPORATION
<b>Street Address:</b>	1-1, SHIN-OGURA, SAIWAI-KU, KAWASAKI-SHI
<b>City:</b>	KANAGAWA
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	212-0031

**PROPERTY NUMBERS Total: 30**

Property Type	Number
Patent Number:	5614687
Patent Number:	6301365
Patent Number:	6434242
Patent Number:	7349749
Patent Number:	6576825
Patent Number:	6809247
Patent Number:	6822152
Patent Number:	7227963
Patent Number:	6630621
Patent Number:	6734351
Patent Number:	6538190
Patent Number:	7231129
Patent Number:	7042814
Patent Number:	7394731
Patent Number:	6967905
Patent Number:	6845073
Patent Number:	6654317
Patent Number:	6917575
Patent Number:	7115807
Patent Number:	7787342

PATENT

Property Type	Number
Patent Number:	7183538
Patent Number:	7230230
Patent Number:	7889605
Patent Number:	8284639
Patent Number:	7495166
Patent Number:	8149656
Patent Number:	8300504
Patent Number:	8180468
Patent Number:	8078037
Patent Number:	8068180

#### CORRESPONDENCE DATA

**Fax Number:** (703)739-2815

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

**Email:** iprecordals@cpaglobal.com, rzahoori@cpaglobal.com

**Correspondent Name:** CPA GLOBAL LIMITED

**Address Line 1:** LIBERATION HOUSE

**Address Line 4:** ST HELIER, JERSEY JE1 1BL

<b>NAME OF SUBMITTER:</b>	HEIDI WHITTINGHAM
<b>SIGNATURE:</b>	/H/Whittingham/IPR/RZ/NGBPioneDJ/AG30PT/
<b>DATE SIGNED:</b>	03/30/2015

#### Total Attachments: 3

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UNITED STATES OF AMERICA  
ASSIGNMENT

WHEREAS, Pioneer Corporation ("ASSIGNOR"), a corporation organized under the laws of Japan, with a place of business at 1-1, Shin-ogura, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0031, Japan, owns the United States Patent(s) (the "Patent(s)") listed on the attached Schedule A; and

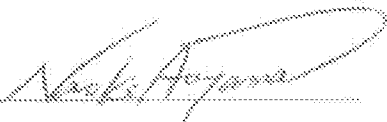
WHEREAS, Pioneer DJ Corporation ("ASSIGNEE"), a corporation organized under the laws of Japan, with a place of business at 1-1, Shin-ogura, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0031, Japan desires to acquire all rights to the Patent(s);

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other valuable consideration, the receipt of which ASSIGNOR acknowledges, ASSIGNOR has sold, assigned, transferred, and set over, and does, by this Assignment, sell, assign, transfer, and set over unto ASSIGNEE, all rights to the Patent(s), including reissues and extensions, to be held and enjoyed by ASSIGNEE, its successors, assigns, and legal representatives, for ASSIGNEE's own use and benefit and for the use and benefit of its successors, assigns, and legal representatives, to the end of the term(s) for which the Patent(s) has/have been granted or may be reissued or extended, as fully and entirely as the Patent(s) would have been held and enjoyed by ASSIGNOR had this assignment and sale not been made; together with all claims for profits and damages by reason of past infringement, with the right to sue for and collect the same for the use and benefit of ASSIGNEE, its successors, assigns, and legal representatives.

This Assignment is deemed to have become effective as from: 02<sup>nd</sup> March 2015.

IN WITNESS WHEREOF, ASSIGNOR has caused this Assignment to be executed by its duly authorized officer or representative on the date(s) indicated below.

Pioneer Corporation

By: 

Name: Naoki AOYAMA

Title: General Manager, Intellectual Property Division, Legal & Intellectual Property Division

Date:

Schedule

Country	Application Number	IP Grant Number
U.S.A.	08573398	5614687
U.S.A.	08561808	6301365
U.S.A.	09931867	6434242
U.S.A.	09931866	7349749
U.S.A.	09348239	6576825
U.S.A.	10439012	6809247
U.S.A.	09359793	6822152
U.S.A.	09359416	7227963
U.S.A.	09626116	6630621
U.S.A.	10421901	6734351
U.S.A.	09631957	6538190
U.S.A.	09764083	7231129
U.S.A.	10150995	7042814
U.S.A.	11401327	7394731
U.S.A.	10271565	6967905

Country	Application Number	IP Grant Number
U.S.A.	10151952	6845073
U.S.A.	10151958	6654317
U.S.A.	10127415	6917575
U.S.A.	10645850	7115807
U.S.A.	10645849	7787342
U.S.A.	10916424	7183538
U.S.A.	10916549	7230230
U.S.A.	11660963	7889605
U.S.A.	12986419	8284639
U.S.A.	11661129	7495166
U.S.A.	11793211	8149656
U.S.A.	11793600	8300504
U.S.A.	11994430	8180468
U.S.A.	12294508	8078037
U.S.A.	12282260	8068180