505180244 11/07/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5227012

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIROKATSU KAWANO	09/05/2018
TOSHIKI NAKAI	09/05/2018
JUNICHIRO INOUE	09/05/2018

RECEIVING PARTY DATA

Name:	PIONEER DJ CORPORATION	
Street Address:	4-4-5, MINATOMIRAI	
Internal Address:	NISHI-KU	
City:	YOKOHAMA-SHI, KANAGAWA	
State/Country:	JAPAN	
Postal Code:	220-0012	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16099550

CORRESPONDENCE DATA

Fax Number: (216)566-9711

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.

Phone: 2165669700

Email: almasy@rankinhill.com

Correspondent Name: RANKIN HILL AND CLARK LLP

Address Line 1: 38210 GLENN AVENUE
Address Line 4: WILLOUGHBY, OHIO 44094

ATTORNEY DOCKET NUMBER: KIN-44863	
NAME OF SUBMITTER:	DAVID E. SPAW
SIGNATURE:	/David E. Spaw/
DATE SIGNED:	11/07/2018

Total Attachments: 2

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PATENT 505180244 REEL: 047440 FRAME: 0485

ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

ILLUMINATION CONTROL DEVICE, ILLUMINATION CONTROL METHOD AND ILLUMINATION CONTROL PROGRAM

		or a U.S. Patent, (ident	ified as Application No.
16/099550	filed on	11/07/2018), which application is
		Clark LLP Docket No.	KIN-44863
WHEREAS,		<u>eer DJ CORPORATIO</u>	······································
a corporation of	Japan	, and having	a place of business at
4-4-5, Minatomirai,	Nishi-ku, Yokohar	na-shi, Kanagawa 220)-0012 Japan ,
hereinafter referred	to as "assignee", is	desirous of acquiring	all right, title, and
interest throughout t	he world in, to, and	d under said improvem	ents and inventions and
patent rights therefo	r.		

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors. administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Rankin, Hill & Clark LLP the power to insert on this assignment any identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

PATENJ 1 of 2 REEL: 047440 FRAME: 0486 IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

(1)	inventor name (sole or joint): Hirokatsu KAVVANO
	Signature: <u>Hivokatgu Kaupan O.</u>
	Today's Date: September 5 20/8-
	Witness: <u>Kei Taro Kaburagi</u> Witness: <u>Jun Ghibata</u>
(2)	Inventor Name (joint): <u>Toshiki NAKAI</u>
` '	Signature: To shiki NAKA I
	Today's Date: September 5.20/8
	Witness: <u>KeiTaro Kaburasi</u>
	Witness: 3-n Ghibata
(3)	Inventor Name (joint): <u>Junichiro INOUE</u>
	Signature: <u>Junickiro INOUE</u>
	Today's Date: <u>September 3, 2018</u>
	Witness: <u>KeiTaro Kaburazi</u>
	Witness: Clan Shabata

PATENT2 of 2 REEL: 047440 FRAME: 0487

RECORDED: 11/07/2018