505218738 12/04/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MAKOTO ABE	08/11/2016
SATOSHI SUZUKI	08/11/2016
KENJI KAWAMURA	08/11/2016
SHINGO TSUJI	08/11/2016

RECEIVING PARTY DATA

Name:	PIONEER CORPORATION	
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City:	BUNKYO-KU	
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	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16209153

CORRESPONDENCE DATA

Fax Number: (703)685-0573

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.

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> **PATENT REEL: 047669 FRAME: 0337**

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ATTORNEY DOCKET NUMBER:	8161-1005-2US
NAME OF SUBMITTER:	ERIC JENSEN
SIGNATURE:	/Eric Jensen/
DATE SIGNED:	12/04/2018
Total Attachments: 1	
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PATENT REEL: 047669 FRAME: 0338

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 and 2)Tohoku Pior	neer Corporation, whose address are 1)	28-8, Honkomagome
2-chome, Bunkyo-ku, Tokyo, 113-0021, Japan	and 2) 1105, Aza Nikkoh, Oaza Kunom	oto, Tendo-shi,
Yamagata 994-8585, Japan, hereinafter referred to as "	assignee(s)", is desirous of acquiring the	entire right, title
and interest in and to the application and invention, an	d to any United States patents to be obta	ined 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.

As a below named inventor, I here	aby d	eclare that:	
This assignment and declaration		The attached application, or	
is directed to:	Ø	United States Application or PCT International Application Number 16/209,153, filed on December 4, 2018	
The application is entitled: VEH	ICLE	LIGHTING DEVICE	
The above-identified application v	/as n	nade or was authorized to be made by me.	
I believe that I am the original inve	entor	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)	Makoto		Family Name/Surname(s) ABE
Inventor's Signature:	Makoto	Abe	Date AUG. 11. 2016
Given Name(s)	Satoshi		Family Name/Surname(s) SUZUKI
Inventor's Signature:	Satoshi	Suzuka	Date Aug. 11. 2016
Given Name(s)	Kenji		Family Name/Surname(s) KAWAMURA
Inventor's Signature:	KAGO	Kawamura	Date Aug. 11.2016
Given Name(s)	Shingo	<u>,</u>	Family Name/Sumame(s) TŠUJI
Inventor's Signature:	Shingo	Tsuji	Date AUG., 11, 2016

PATENT REEL: 047669 FRAME: 0339

RECORDED: 12/04/2018