PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hiroshi YUHARA	09/04/2013
Takahiro YANAGI	09/05/2013
Manabu YAMASHITA	09/13/2013

RECEIVING PARTY DATA

Name:	NISSAN MOTOR CO., LTD.		
Street Address: 2, Takara-cho, Kanagawa-ku			
City: Yokohama-shi, Kanagawa			
State/Country: JAPAN			

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14008749

CORRESPONDENCE DATA

Fax Number: 2026725399

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ATTORNEY DOCKET NUMBER:	040302-1050
NAME OF SUBMITTER:	Renell G. Feimster for Glenn Law
Signature:	/Renell G. Feimster/
Date:	09/30/2013
	PATENT

502515010 REEL: 031310 FRAME: 0979

OP \$40.00 14008749

Total Attachments: 4
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PATENT REEL: 031310 FRAME: 0980

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

SEPARATOR WELDING DEVICE AND SEPARATOR WELDING METHOD

	NISSAN MOTOR CO., LTD. of 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, Japan
(hereinafter invention relating	ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this to

as set forth in this United States Patent Application

title of

invention

check one		executed con-	currently herewith		
	Ø	Serial No.	PCT/JP2012/059478 14/008,749	Filed	April 6, 2012 September 30, 2013

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

PATENT REEL: 031310 FRAME: 0981

-1-

Each of the undersigned hereby grants the firm of FOLEY & LARDNER the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS					
Name: Hiroshi YUHARA	Signature: Listic Yukino	Date: Soppendon 4 2013			
Name: Takahiro YANAGI	Signature: Tokahiro Yanagi	Date: Septemb 5 201			
Name: Manabu YAMASHITA	Signature:	Date:			
Name:	Signature:	Date:			
Name:	Signature:	Date:			
Name:	Signature:	Date:			
Name:	Signature:	Date:			
Name:	Signature:	Date:			
NAMES AND SIGNATURES OF WITNESSES					
Name:	Signature:	Date:			
Name:	Signature:	Date:			

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

-2-

U.S. Rights-Sole or Joint

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and NISSAN MOTOR CO., LTD.
address of of 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, Japan
assignee

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of invention	SEP	YARATOR W	VELDING DEVICE AND S	SEPARATOR WI	ELDING METHOL)
as set forth in thi	s Unite	ed States Patent	Application			
check one		executed conc	urrently herewith			
		Serial No.	PCT/JP2012/059478	Filed	April 6, 2012	

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

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-1-

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PATENT REEL: 031310 FRAME: 0983 Each of the undersigned hereby grants the firm of FOLEY & LARDNER the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS				
Name: Hiroshi YUHARA	Signature:	Date:		
Name: Takahiro YANAGI	Signature:	Date:		
Name: Manabu YAMASHITA	Signature: Manabu Yamashita	Date: September 13		
Name:	Signature:	Date:		
Name:	Signature:	Date:		
Name:	Signature:	Date:		
Name:	Signature:	Date:		
Name:	Signature:	Date:		
NAMES AND SIGNATURES OF WITNESSES				
Name:	Signature:	Date:		
Name:	Signature:	Date:		

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-2-

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RECORDED: 09/30/2013

PATENT REEL: 031310 FRAME: 0984