PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Robert YU	09/29/2011
Flavien DUBIEF	06/26/2011
Masato ORIGUCHI	10/11/2011

RECEIVING PARTY DATA

Name:	RENAULT S.A.S.
Street Address:	13-15 quai Le Gallo
City:	Boulogne-Billancourt
State/Country:	FRANCE
Postal Code:	F-92100

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13142927

CORRESPONDENCE DATA

 Fax Number:
 (703)413-2220

 Phone:
 (703) 413-3000

 Email:
 asomaiel@oblon.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Correspondent Name: Oblon, Spivak, et al.

Address Line 1: 1940 Duke Street

Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	382972US41XPCT
NAME OF SUBMITTER:	Adel Samuel

Total Attachments: 2

source=382972USAssignment#page1.tif source=382972USAssignment#page2.tif

OP \$40.00 1

PATENT REEL: 027243 FRAME: 0885

Assignment of Application

	16 rue	Hemingaw	ay, Montign	y Le Brei	onneux 78180	, Franc	e		
	2. Flavie	n DUBIEF							
	52 rue	du rocher,	Neuchatel C	H-2000,	Switzerland				
	3. Masa	to ORIGU	CHI						
	20 ru	e de Tourne	bride, Rambo	ouillet F-	78120, France				
				<u></u>					

			· · · · · · · · · · · · · · · · · · ·						
		-, ,							
					·				
							~!	, resp	pective
have invented cer	tain new and	useful impr	ovements in:	DEVIC	E FOR COOL	ING T	HE BATTER	UES OF AN	
ESPECIALLY EI	LECTRIC VI	HICLE AN	ID VEHICLI	E COMP	RISING SUCI	A DE	EVICE		
(Application No.	13/142,927			_, filed _	November	15,	2011), an
	RENAULT								

(hereinafter referred to as "ASSIGNEE") having a place of business at: 13-15 quai Le Gallo. Boulogne-Billancourt F-92100, France is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application(s)) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

)7/09

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which 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.

Date:	le 24/09 (2011)	- The state of the
		(Signature of Inventor) Robert YU
Date:	26.6.2011	Ytttom
		(Signature of Inventor) Flavien DUBIEF
Date:	Le 11146/2014	= direct/
		(Signature of Inventor) Masato ORIGUCHI
Date:		
		(Signature of Inventor)
Date:		
		(Signature of Inventor)
Date:		
		(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

17/09

RECORDED: 11/17/2011

PATENT REEL: 027243 FRAME: 0887