

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jean-Michel MORELLE</td> <td>04/05/2012</td> </tr> <tr> <td>Ky Lim TAN</td> <td>04/10/2012</td> </tr> <tr> <td>Laurent VIVET</td> <td>04/03/2012</td> </tr> <tr> <td>Sandra DIMELLI</td> <td>04/03/2012</td> </tr> <tr> <td>Stephane THOMELIN</td> <td>04/12/2012</td> </tr> <tr> <td>Herve LORIN</td> <td>04/12/2012</td> </tr> <tr> <td>Patrick DUBUS</td> <td>04/03/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jean-Michel MORELLE	04/05/2012	Ky Lim TAN	04/10/2012	Laurent VIVET	04/03/2012	Sandra DIMELLI	04/03/2012	Stephane THOMELIN	04/12/2012	Herve LORIN	04/12/2012	Patrick DUBUS	04/03/2012
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<table border="1"> <tr> <td>Name:</td> <td>Valeo Etudes Electroniques</td> </tr> <tr> <td>Street Address:</td> <td>76 rue Auguste Perret</td> </tr> <tr> <td>Internal Address:</td> <td>Zone Industrielle Europarc</td> </tr> <tr> <td>City:</td> <td>CRETEIL CEDEX</td> </tr> <tr> <td>State/Country:</td> <td>FRANCE</td> </tr> <tr> <td>Postal Code:</td> <td>94046</td> </tr> </table>		Name:	Valeo Etudes Electroniques	Street Address:	76 rue Auguste Perret	Internal Address:	Zone Industrielle Europarc	City:	CRETEIL CEDEX	State/Country:	FRANCE	Postal Code:	94046				
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Application Number:	13498919																
CORRESPONDENCE DATA																	
Fax Number:	(713)228-8778																
Phone:	713-228-8600																
Email:	vega@oshaliang.com																
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>																	
Correspondent Name:	Jonathan P. Osha																
Address Line 1:	909 Fannin St.																
Address Line 2:	Suite 3500																
Address Line 4:	Houston, TEXAS 77010																

OP \$40.00 13498919

PATENT

ATTORNEY DOCKET NUMBER:	17198/044001 (VAV)
NAME OF SUBMITTER:	Jonathan P. Osha
Total Attachments: 3 source=17198_044001_ASSN#page1.tif source=17198_044001_ASSN#page2.tif source=17198_044001_ASSN#page3.tif	

## ASSIGNMENT – WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") hereby assign, transfer, and set over to:

Valeo Etudes Electroniques

having the following address:

Intellectual Property Department  
76 rue Auguste Perret  
Zone Industrielle Europarc  
94046 Creteil Cedex  
FRANCE

(referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and interest, worldwide, in and to the invention known by the following title:

### POWER MODULE FOR AN AUTOMOBILE

for which the undersigned has/have executed an application for patent in the United States of America on or about this same day, together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all Letters Patent (domestic and foreign) which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agrees:

1. To sign and execute any further documents which may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
2. To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
3. To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY.

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of OSHA LIANG LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.

**OSHA LIANG**

Intellectual Property Law

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

April 5, 2012  
Date

1<sup>st</sup> Inventor Signature: [Signature]  
Print or Type Name: Jean-Michel Morelle

April 10, 2012  
Date

2<sup>nd</sup> Inventor Signature: [Signature]  
Print or Type Name: Ky Lim Tan

03/04/2012  
Date

3<sup>rd</sup> Inventor Signature: [Signature]  
Print or Type Name: Laurent Vivet

03/04/2012  
Date

4<sup>th</sup> Inventor Signature: [Signature]  
Print or Type Name: Sandra Dimelli

                      
Date

5<sup>th</sup> Inventor Signature:                       
Print or Type Name: Stéphane Thomelin

                      
Date

6<sup>th</sup> Inventor Signature:                       
Print or Type Name: Hervé Lorin

03/04/2012  
Date

7<sup>th</sup> Inventor Signature: [Signature]  
Print or Type Name: Patrick Dubus

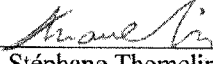
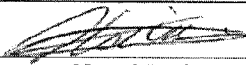
When this Assignment is not filed concurrently with the patent application,  
the following identifying information may be added after execution:

U.S. Application Serial No.: 13/498,919  
Filing Date: March 29, 2012

OSHADIANC  
Intellectual Property Law

PATENT  
REEL: 028103 FRAME: 0270

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

_____	1 <sup>st</sup> Inventor Signature: _____
Date	Print or Type Name: Jean-Michel Morelle
_____	2 <sup>nd</sup> Inventor Signature: _____
Date	Print or Type Name: Ky Lim Tan
_____	3 <sup>rd</sup> Inventor Signature: _____
Date	Print or Type Name: Laurent Vivet
_____	4 <sup>th</sup> Inventor Signature: _____
Date	Print or Type Name: Sandra Dimelli
16/04/2012	5 <sup>th</sup> Inventor Signature: 
Date	Print or Type Name: Stéphane Thomelin
18/04/2012	6 <sup>th</sup> Inventor Signature: 
Date	Print or Type Name: Hervé Lorin
_____	7 <sup>th</sup> Inventor Signature: _____
Date	Print or Type Name: Patrick Dubus

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