01/22/2019 505289893

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date		
FRÉDÉRIC VACCA	10/20/2016		
JEAN-LOUIS LANARD	10/20/2016		

RECEIVING PARTY DATA

Name:	VALEO SYSTEMES THERMIQUES
Street Address:	8 RUE LOUIS LORMAND, LA VERRIÈRE
City:	LE MESNIL SAINT DENIS
State/Country:	FRANCE
Postal Code:	78320

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16222096

CORRESPONDENCE DATA

(713)228-8778 Fax Number:

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: 7132288600

Email: Maddux@oshaliang.com **Correspondent Name:** SEEMA M. MEHTA Address Line 1: 909 FANNIN STREET

Address Line 2: **SUITE 3500**

Address Line 4: HOUSTON, TEXAS 77010

ATTORNEY DOCKET NUMBER:	17236/123002
NAME OF SUBMITTER:	SEEMA M. MEHTA
SIGNATURE:	/Seema M. Mehta/
DATE SIGNED:	01/22/2019

Total Attachments: 2

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> **PATENT** REEL: 048093 FRAME: 0353 505289893



Intellectual Property Law

DECLARATION AND ASSIGNMENT - U.S. RIGHTS ONLY

invente	wnereas,	tne	undersigned	i individuali	S) (referre	d to her	ein as t	he "INV	'ENTOR(S)")	has/h	iave
applica	tion, or United	d Stat		ion or PCT i					or PCT int		onal iled

AIR GUIDE AND AIR GUIDE MODULE

Regarding that application, each of the INVENTOR(S) declares the following:

- The above-identified application was made or authorized to be made by me.
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the INVENTOR(S) hereby assign, transfer, and set over to:

Valeo Systemes Thermiques

having the following address:

8 rue Louis Lormand – La Verriere F-78320 Le Mesnil Saint Denis FRANCE

(referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and interest for the United States of America (including without limitation its territories and possessions) in and to the invention described in the patent application identified above (referred to herein as INVENTION), together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all United States Letters Patent 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;

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PATENT TRADEMARK OFFICE

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Intellectual Property Law

- 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;
- To perform all lawful affirmative acts which may be necessary to obtain the grant of a 3. 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.

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

1st Inventor Signature:

Print or Type Name: Frederic Vacca

2nd Inventor Signature:

Print or Type Name: Jean-Louis Lanard

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RECORDED: 01/22/2019