504714051 01/04/2018

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4760773

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FABIEN BIREAUD	12/14/2017
XAVIER MARCHADIER	12/14/2017
JOSÉ TRINDADE	12/14/2017
DINH-LUYEN NGUYEN	12/14/2017

RECEIVING PARTY DATA

Name:	VALEO SYSTEMES THERMIQUES
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State/Country:	FRANCE
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15571899

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	17236/179001
NAME OF SUBMITTER:	SEEMA M MEHTA
SIGNATURE:	/ Seema M. Mehta /
DATE SIGNED:	01/03/2018

Total Attachments: 2

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PATENT REEL: 045004 FRAME: 0508 504714051

Intellectual Property Law

17238/179001

DECLARATION AND ASSIGNMENT - U.S. RIGHTS ONLY

Whereas, the undersigned individual invented:	(s) (referred to	herein as the	"INVENTOR(S)")	has/have
☐ The attached application to be fit application, or ☐ United States application or PCT November 6, 2017; and, entitled:				

HEAT EXCHANGER COMPRISING A PROECTIVE DEVICE

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:

22511

8 rue Louis Lormand – La Verriere F-78320 Le Mesuil 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:

- 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;
- 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;

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and the second s

 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.

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

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2449917 Oate	f" laventor Signature: Frist or Type Name:	Fabien Biresurd
12/14/2013————————————————————————————————————	1st Inventor Signature: Print or Type Name:	Xavier Marchader ,
12 <u>11412017</u> Date	lst inventor Signature; Print or Type Name:	<u> </u>
12/14/2017 Date	ist inventor Signature; Print or Type Name:	Dinh-Luyen Nguyen

22511

PATENT REEL: 045004 FRAME: 0510

RECORDED: 01/04/2018