PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5507679

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KLAUS SCHMALBUCH	12/04/2018
DIRK WOHLFEIL	01/14/2019
MALTE LINN	01/14/2019
MARTIN ARNDT	01/14/2019
CHRISTIAN EFFERTZ	01/03/2019

RECEIVING PARTY DATA

Name:	SAINT-GOBAIN GLASS FRANCE
Street Address:	18, AVENUE D'ALSACE
City:	COURBEVOIE
State/Country:	FRANCE
Postal Code:	92400

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16305816

CORRESPONDENCE DATA

Fax Number: (626)792-1342

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.

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ATTORNEY DOCKET NUMBER:	P2320-US
NAME OF SUBMITTER:	ALESSANDRO STEINFL
SIGNATURE:	/Alessandro Steinfl, Reg. No. 56,448/
DATE SIGNED:	05/05/2019

Total Attachments: 4

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PATENT REEL: 049086 FRAME: 0132

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ASSIGNMENT

We, Klaus SCHMALBUCH, residing in France with a mailing address at Quartier Pied-Rousset, Cote Chemin des Lievres, GOULT 84220;

Dirk WOHLFEIL, residing in Belgium with a mailing address at Bachstrasse 18, RAEREN 4730;

Malte LINN, residing in Germany with a mailing address at Hammerweg 10, AACHEN 52074;

Martin ARNDT, residing in Germany with a mailing address at Beverstr. 6, AACHEN 52066; and

Christian EFFERTZ, residing in Germany with a mailing address at Maarwinkel 34, AACHEN 52080;

hereby sell and assign for good and valuable consideration, the receipt of which we hereby acknowledge,

to SAINT-GOBAIN GLASS FRANCE, an entity having its principal place of business in France at 18, avenue d'Alsace, COURBEVOIE 92400,

hereinafter referred to as the assignee, its successors, assigns and nominees, our entire right, title and interest, including all priority rights under U.S. law and/or International conventions and treaties, in and to the "VEHICLE COMPOSITE PANE WITH OPTIMISED BEAM PATH FOR A SENSOR MOUNTED THEREON"

invented by us, as described and/or claimed in International Application No. PCT/EP2017/064925, filed on June 19, 2017 in the corresponding U.S. National Phase Patent Application No. 16/305,816, filed on November 29, 2018, and in any other related patent applications filed and/or to be filed not only for, to and in the United States of America its territories and possessions, but also for, to and in all other countries, including any and all divisions, continuations, and continuations-in-part of said International Application PCT/EP2017/064925, and any and all divisions, reissues, continuations, continuations-in-part and extensions of said corresponding U.S. National Phase Patent Application No. 16/305,816, and authorize and request any officials whose duty it is to issue patents, to issue any patent on said "VEHICLE COMPOSITE PANE WITH

OPTIMISED BEAM PATH FOR A SENSOR MOUNTED THEREON" and/or improvements thereof or resulting therefrom to said assignee or its successors, assigns or nominees, and agree to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part and/or reissue applications, make all rightful oaths and/or declarations and generally do everything possible to aid said assignee, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in the United States of America and in all other countries.

Subscribed and executed at_	lavai Moa	France
(1/12/2010	City	Country
On <u>4/12/2018</u> Date	Inventor Name: Kla	us SCHMALBUCH
Witnessed by:	_	
Witness Name: Sabrina	When Signature	S. Clein
Witness Name:	Signature_	·
Subscribed and executed at_	Herrogenrath	Germany
On	[∨] City	Country
2410	Inventor Name: Dir	k WOHLFEIL
	Inventor Signature	Das Wohlfin
Witnessed by:		, _
Witness Name: <u>Sabone</u>	<u> Ω [٤,η</u> Signature_	Siller
Witness Name:	Signature_	

Subscribed and executed at_	that they one in the	Cherry Street
Subscribed and executed at_	City	Countfy
On <u> ტინიქე</u> Date		
	Inventor Name: Ma	alte LINN
	Inventor Signature	Kalle 2
Witnessed by:		
Witness Name: <u>Sab ຄວາລ</u>	<u> </u>	S. Aben
Witness Name:	Signature_	
Subscribed and executed at_ On <u>パイ/ハ(ァッイ^c)</u> Date	Herzogenrall City	Country ARNOT
	Inventor Name: Ma	
	Inventor Signature	net My
Witnessed by:		
Witness Name: <u> </u>	<u>Clan</u> Signature	S. Clein
Witness Name:	Signature	

Subscribed and executed at_	Wet o gu sash City	<u>Country</u>
On 03.01. 19	[∨] City	Country
Date	Inventor Name: Chr	stian EFFERTZ
	Inventor Signature	Phil
Witnessed by:		
Witness Name: Salence	Ω်∟် Signature_	Sillen
Witness Name:	Signature	

PATENT REEL: 049086 FRAME: 0137

RECORDED: 05/05/2019