502523833 10/08/2013

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2569024

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PHILIPPE GRASS	09/09/2013

RECEIVING PARTY DATA

Name:	CONTINENTAL AUTOMOTIVE GMBH
Street Address:	VAHRENWALDER STR. 9
City:	HANNOVER
State/Country:	GERMANY
Postal Code:	30165

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14110339

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	502901-1146PUS-340987
NAME OF SUBMITTER:	THOMAS C. PONTANI
Signature:	/Thomas C. Pontani/
Date:	10/08/2013

Total Attachments: 2

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OP \$40.00 1

PATENT REEL: 031360 FRAME: 0483 For good and valuable consideration, I/we, the undersigned

Philippe Grass
residing at:
 Martinweg 3
 93053 Regensburg
 GERMANY

hereby sell, assign, and transfer to

Continental Automotive GmbH	
a German corporation	
organized and existing under the laws of GERMANY	
having its (their) principal place of business in Hannover;	
GERMANY	

herein the "Assignee(s)", its (their) successor(s), assigns and legal representatives the entire and exclusive right, title and interest in and for the United States and for any of the Contracting States bound by the PCT on the international filing date, in all and to any improvements in the

(Title:) Sensorvorrichtung zum Erfassen einer Gaskonzentration und einer Partikelkonzentration eines Abgases /
Sensor apparatus for detecting a gas concentration and a particle concentration of an exhaust gas

disclosed in the PCT international application for Letters Patent designating the United States and any of the Contracting States bound by the PCT on the international filing date, said application being identified in our records as

Applicants File No. 2010P01653WOUS and filed as PCT-application PCT/EP2012/056256

and in and to said application and all divisional, continuing substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and any of the Contracting States bound by the PCT on the international filing date on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and any of the Contracting States bound by the PCT on the international filing date on said improvements;

hereby agree that said Assignee(s) may apply for and receive Letters Patent for said improvements in its (their) own name and that when requested without charge to but at the expense of said Assignee(s), its (their) successor(s), assigns, and legal representatives, to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue and all other patent applications on any

DNR: 4248 /

and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee(s), its (their) successor(s), assigns and legal representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee(s), its (their) successor(s), assigns, or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements in said Assignee(s), its (their) successor(s), assigns, and legal representatives; and

hereby covenant with said Assignee(s), its (their) successor(s), assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed had been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date:

1461

(printed name:

Philippe grass

PATENT REEL: 031360 FRAME: 0485