PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------------|----------------|
| Helmut Hans Ruhland | 11/17/2009 |
| Moritz Klaus Springer | 11/17/2009 |
| Thomas Lorenz | 11/17/2009 |
| Georg Louven | 11/23/2009 |

RECEIVING PARTY DATA

| Name: | Ford Global Technologies, LLC |
|-------------------|---------------------------------|
| Street Address: | Fairlane Plaza South, Suite 800 |
| Internal Address: | 330 Town Center Drive |
| City: | Dearborn |
| State/Country: | MICHIGAN |
| Postal Code: | 48126 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12638595 |

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 81203571

NAME OF SUBMITTER: Katherine D. Gardner

PATENT

REEL: 023664 FRAME: 0211

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Total Attachments: 2

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PATENT REEL: 023664 FRAME: 0212

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT

WHEREAS, THE UNDERSIGNED,

has/have invented certain new and useful improvements in:

Attorney Docket No. 81203571 entitled: FUEL CONTROL FOR SPARK IGNITED ENGINE HAVING A PARTICULATE FILTER SYSTEM

for which I/we intend to make application for Letters Patent of the United States listing the following as inventors:

Helmut Hans Ruhland Moritz Klaus Springer Thomas Lorenz Georg Louven.

Home Address: Grünstraße 34

Hagen, DE 58095

Germany

City, State, Zip:

Country:

WHEREAS, FORD GLOBAL TECHNOLOGIES, LLC, a limited liability company organized and existing by virtue of the laws of the State of Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, is desirous of acquiring an interest therein;

contractual obligation, I do sell, assign and transfer unto FORD GLOBAL TECHNOLOGIES, LLC the full and exclusive right for the United States of America and for all foreign countries to the said invention, as described in the specification, claiming priority to U.S. Provisional Application 61/246,939 filed September

NOW, THEREFORE, pursuant to my employment with FORD WERKE GmbH, or by

| 29, 2009, executed by me on the date listed below, preparatory to States therefor (and I hereby authorize my attorneys to insert the se Serial No. 12/638,595 Filing Date December 15 | obtaining Letters Patent of the United erial number and filing date herein: |
|---|---|
| Commissioner of Patents and Trademarks to issue said TECHNOLOGIES, LLC as the assignee. | Letters Patent to FORD GLOBAL |
| Executed by: | |
| SIGNATURE: | |
| Name: Helmut Hans Ruhland Home Address: Am Hoerschberg 10, City, State, Zip: Eschweiler, DE 52249 Country: Germany | Date: <u>17. // 09</u> |
| Name: Moritz Klaus Springer | nam 17 11 199 |

PATENT REEL: 023664 FRAME: 0213

Date: 17.11.09 Name: Thomas Lorenz Grasegger Strasse 76, Köln, DE 50737 Home Address: City, State, Zip: Country: Germany Date: 23 1105 Name: Georg Louven Hans - Boeckler - Str. 29, Neuwied, DE 56567 Home Address: City, State, Zip:

Country:

Germany

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RECORDED: 12/16/2009