502017173 08/07/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| Michael W. Zubeck | 09/28/2007 |
| George Carver Davis | 09/24/2007 |
| Eric Warren Curtis | 09/24/2007 |

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13569016 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | 83248857 |
|-------------------------|------------------|
| NAME OF SUBMITTER: | Odan Komphouvong |

Total Attachments: 2

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PATENT REEL: 028743 FRAME: 0280 0 13569

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Please direct all correspondence to:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT

WHEREAS, THE UNDERSIGNED,

has/have invented certain new and useful improvements in:

Attorney Docket No. 81158717 entitled:

DIRECTLY INJECTED INTERNAL COMBUSITON ENGINE SYSTEM

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

Michael W Zubeck George Carver Davis Eric Warren Curtis.

| Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and transfer unto FORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor Company 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, 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 executed by me on the date listed below, preparatory to obtaining Letters Patent of the United States therefore (and I hereby authorize my attorneys to insert the serial number and filing date herein: Serial No. 13/569.016 , Filing Date August 7, 2012), and I hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent to FORD GLOBAL TECHNOLOGIES, LLC as the assignee. |
|--|
| Executed by: |
| SIGNATURE: |
| Name: Michael W Zubeck Medial C. Juhal Date: 9/28/07 Home Address: 1918 Yargerville Road, City, State, Zip: LaSalle, MI 48145, Country: United States of America |
| Country: United States of America Name: George Carver Davis Veorge C. Davis Date: 9/24/0 Home Address: 6188 Riverwood Dr., City, State, Zip: Ypsilanti, MI 48198, Country: United States of America |

PATENT REEL: 028743 FRAME: 0281 Name: Eric Warren Curtis
Home Address: 9666 Crane Rd,
City, State, Zip: Milan, MI 48160,
Country: United States of America Date: 50, 24, 2007

Donald Lewis

PATENT

REEL: 028743 FRAME: 0282