PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------|----------------|
| Eric Storhok | 01/29/2007 |
| Eric Curtis | 01/28/2007 |
| Zheng Xu | 01/29/2007 |
| Jianwen Yi | 01/29/2007 |
| Eric Krengel | 01/26/2007 |

RECEIVING PARTY DATA

| Name: | Ford Motor Company | |
|-----------------|--------------------|--|
| Street Address: | One American Way | |
| City: | Dearborn | |
| State/Country: | MICHIGAN | |
| Postal Code: | 48126 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13937086 |

CORRESPONDENCE DATA

Fax Number: 5034594142

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Email: cohen@ahmrt.com

Correspondent Name: ALLEMAN HALL MCCOY RUSSELL & TUTTLE, LLP

Address Line 1: 806 S.W. BROADWAY, SUITE 600 Address Line 4: PORTLAND, OREGON 97205

| ATTORNEY DOCKET NUMBER: | 83360109 | |
|-------------------------|---------------|--------|
| NAME OF SUBMITTER: | Liana Cohen | |
| Signature: | /Liana Cohen/ | DATENT |

502411686 REEL: 030756 FRAME: 0945

| Date: | 07/09/2013 |
|---|---------------------------------|
| Total Attachments: 3 source=Complete assignment inv to FMC (f source=Complete assignment inv to FMC (f source=Complete assignment inv to FMC (f | from parent) 83360109#page2.tif |

PATENT REEL: 030756 FRAME: 0946

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<u>ASSIGNMENT</u>

WHEREAS, THE UNDERSIGNED,

has/have invented certain new and useful improvements in:

Attorney Docket No: 81150694

entitled: DIRECT INJECTION EVENT-BASED ENGINE

STARTING

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

WHEREAS, FORD MOTOR COMPANY, a corporation 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;

NOW, THEREFORE, pursuant to my employment agreement heretofore made with FORD MOTOR COMPANY, or by my contractual obligation, I do sell, assign and transfer unto FORD MOTOR COMPANY 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 therefor (and I hereby authorize my attorneys to insert the serial number and filing date

Serial No. 11/675, 535, Filing Date February 15, 2009, and I hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent to FORD MOTOR COMPANY as the assignee.

| NAME | SIGNATURE | DATE |
|--|-----------|---------|
| Eric Storhok 1451 Rosewood Street Ann Arbor, MI 48104 USA | Ei Sas | 1/29/07 |
| Eric Curtis 9666 Crane Road Milan, MI 48160 USA | | |
| Zheng Xu 46681 Inverness Court Canton, MI 48188 USA | · | |
| Jianwen Yi 45948 Windridge Lane Canton, MI 48188 USA | | |
| Eric Krengel 23259 Republic Oak Park, MI 48237 USA | | |

Attorney Docket No: 81150694 Please call 313-322-7762 if this paper becomes separated from the file.

PATENT REEL: 030756 FRAME: 0947

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT

WHEREAS, THE UNDERSIGNED,

has/have invented certain new and useful improvements in:

Attorney Docket No: 81150694

entitled: DIRECT INJECTION EVENT-BASED ENGINE STARTING

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

WHEREAS, FORD MOTOR COMPANY, a corporation 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;

NOW, THEREFORE, pursuant to my employment agreement heretofore made with FORD MOTOR COMPANY, or by my contractual obligation, I do sell, assign and transfer unto FORD MOTOR COMPANY 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 therefor (and I hereby authorize my attorneys to insert the serial number and filing date herein:

Serial No. 11675, 535, Filing Date Lawry 15, 2007), and I hereby request the Commissioner of Patents and Trademarks to issue said Letters Ratent to FORD MOTOR COMPANY as the assignee.

| Executed by: | | |
|--|-----------|--------------|
| NAME | SIGNATURE | DATE |
| Eric Storhok 1451 Rosewood Street Ann Arbor, MI 48104 USA | | |
| Eric Curtis 9666 Crane Road Milan, MI 48160 USA | 2 a 4 | Jan 28, 2007 |
| Zheng Xu 46681 Inverness Court Canton, MI 48188 USA | 2-05 | 1/29/2007 |
| Jianwen Yi 45948 Windridge Lane Canton, MI 48188 USA | To M. | 129/2007 |
| Eric Krengel 23259 Republic Oak Park, MI 48237 USA | | |

Attorney Docket No: 81150694 Please call 313-322-7762 if this paper becomes separated from the file.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Serial No. ///675, 535, Filing Date February (5, 2007), and I hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent to FORD MOTOR COMPANY as the assignee. Executed by:

| NAME | SIGNATURE | DATE |
|--|-----------|---------|
| Eric Storhok 1451 Rosewood Street Ann Arbor, MI 48104 USA | | |
| Eric Curtis 9666 Crane Road Milan, MI 48160 USA | | |
| Zheng Xu 46681 Inverness Court Canton, MI 48188 USA | | |
| Jianwen Yi 45948 Windridge Lane Canton, Mi 48188 USA | | |
| Eric Krengel 23259 Republic Oak Park, MI 48237 USA | | 1/26/07 |

Attorney Docket No: 81150694 Please call 313-322-7762 if this paper becomes separated from the file.

PATENT REEL: 030756 FRAME: 0949

RECORDED: 07/09/2013