

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Shinsuke YAMAMOTO</td> <td>07/16/2012</td> </tr> <tr> <td>Kingo OKADA</td> <td>07/16/2012</td> </tr> <tr> <td>Haruki SUZUKI</td> <td>07/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Shinsuke YAMAMOTO	07/16/2012	Kingo OKADA	07/16/2012	Haruki SUZUKI	07/16/2012
Name	Execution Date								
Shinsuke YAMAMOTO	07/16/2012								
Kingo OKADA	07/16/2012								
Haruki SUZUKI	07/16/2012								
RECEIVING PARTY DATA									
Name:	DENSO CORPORATION								
Street Address:	1-1, Showa-cho								
City:	Kariya-city, Aichi-pref.								
State/Country:	JAPAN								
Postal Code:	448-8661								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13611276</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13611276				
Property Type	Number								
Application Number:	13611276								
CORRESPONDENCE DATA									
Fax Number:	7038164100								
Phone:	7038164000								
Email:	cmg@nixonvan.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	NIXON & VANDERHYE PC								
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Address Line 4:	Arlington, VIRGINIA 22203								
ATTORNEY DOCKET NUMBER:	MNL-2018-2984								
NAME OF SUBMITTER:	Michelle N. Lester								
Total Attachments: 2 source=EXECUTED_ASSIGNMENT#page1.tif source=EXECUTED_ASSIGNMENT#page2.tif									

OP \$40.00 13611276

ASSIGNMENT OF U.S. PATENT APPLICATION

(Inventors) Shinsuke Yamamoto
Kingo Okada
Haruki Suzuki

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) DENSO CORPORATION a corporation of Japan

(Address) 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan

(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions in the invention, and all applications for patent and any Letters Patent which may be granted therefore, known as

(Title) FUEL RAIL AND FUEL INJECTION APPARATUS USING THE SAME

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on _____ or has already filed U.S. application Serial No. _____, on _____

The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date	<u>July 16, 2012</u>	Signature of inventor	<u>Shinsuke Yamamoto</u> Shinsuke Yamamoto
Date	<u>July 16, 2012</u>	Signature of inventor	<u>Kingo Okada</u> Kingo Okada
Date	<u>July 16, 2012</u>	Signature of inventor	<u>Haruki Suzuki</u> Haruki Suzuki

Date July 16, 2012 Witnessed by: Satoshi Tsuge

Date July 16, 2012 Witnessed by: Itsumaru Matsuo

Date July 16, 2012 Witnessed by: Hideaki Ukai