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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
Naoya KANEKO	07/06/2012	
Nobuyuki SHIMIZU	07/09/2012	
Hiroyuki SAKAI	07/09/2012	
Toshikuni KUROKAWA	07/11/2012	

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13578908

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ATTORNEY DOCKET NUMBER:	402597US71PCT
NAME OF SUBMITTER:	Adel Samuel

Total Attachments: 2

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PATENT REEL: 028797 FRAME: 0536 OP \$40,00 13578908

Assignment of Application

7	VHEREAS, I (WE)_	Naoya KANEKO of Susono-	shi, Shizuo	ka-ken, Japa	an			
_		Nobuyuki SHIMIZU of Gote	nba-shi, Sh	izuoka-ken,	Japan			
.s:		Hiroyuki SAKAI of Gotenba	-shi, Shizu	oka-ken, Jap	an			
		Toshikuni KUROKAWA of	Nagoya-shi	, Aichi-ken,	Japan			
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							, r	espectively,
	have invented certain	n new and useful improvement	s in: <u>FUEL</u>	INJECTIO	N VAI	LVE		
-								
D.	For which an application for Letters Patent was executed on							
	(Application No. 13	3/578,908	, filed	August	14,	2012), and
	WHEREAS, T	OYOTA JIDOSHA KABUSH	KI KAISH	ÍA				
	(hereinafter referred	to as "ASSIGNEE") having	places of t	ousiness at:	1. Toy	ota-cho, Tovo	ota-shi. Aichi	. 471-8571
		acquiring the entire right, title						

that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

> **PATENT REEL: 028797 FRAME: 0537**

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date:	06/07/2012	Naoya Kaneko (Signature of Inventor) Naoya KANEKO
Date:	09/07/2012	Nobuyaki Shimizu
Date:	09/97/2112	(Signature of Inventor) Nobuyuki SHIMIZU Hiroyuki Lakai
Date:	11/07/20/2	(Signature of Inventor) Hiroyuki SAKAI
Date:		(Signature of Inventor) Toshikuni KUROKAWA
Date:		(Signature of Inventor)
Daie		(Signature of Inventor)

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> PATENT REEL: 028797 FRAME: 0538

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