505183086 11/09/2018

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5229855

SUBMISSION TYPE:	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:	ASSIGNMENT				

#### **CONVEYING PARTY DATA**

Name	Execution Date		
SOHICHI IMAI	10/04/2018		
MASANAO IDOGAWA	10/04/2018		

# **RECEIVING PARTY DATA**

Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA			
Street Address:	1, Toyota-cho			
City:	Toyota-shi, Aichi-ken			
State/Country:	Japan			
Postal Code:	471-8571			

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16185032

# **CORRESPONDENCE DATA**

**Fax Number:** (703)413-2220

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

**Phone:** (703) 413-3000

Email: SGUNTHER@oblon.com

Correspondent Name: OBLON, ET AL.

Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	517717US
NAME OF SUBMITTER:	SPARKLE GUNTHER
SIGNATURE:	/SPARKLE GUNTHER/
DATE SIGNED:	11/09/2018

**Total Attachments: 1** 

505183086

source=ASSIGNMENT#page1.tif

PATENT REEL: 047458 FRAME: 0943

#### ASSIGNMENT OF APPLICATION

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned inventor(s) hereby:

1) Sell(s), assign(s) and transfer(s) to

#### TOYOTA JIDOSHA KABUSHIKI KAISHA

(hereinafter referred to as "ASSIGNEE"), which has a business office at

1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 Japan,

the entire right, title, and interest in any and all inventions and improvements disclosed in, application(s) based upon, and Patent(s) granted upon the information which is disclosed in the application entitled:

### FUEL INJECTION CONTROLLER AND CONTROLLING METHOD FOR ENGINE

for whi	ch I(we)	have	executed	an	application	for	а	United	Sta	tes
Letters	Patent	on	Octobe	er 4,	2018		(Z	Applicat	ion	Serial
No		file	ed on			)				

- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application, or any division, continuation, substitute or reissue thereof, to the ASSIGNEE.
- 3) Agree to execute all papers and documents and perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof and/or the enforcement of patents resulting from such applications.

Signed on the date(s) indicated beside my(our) signature(s).

1) Sohichi Imai	Date: October 4, 2018
Name: Sohichi IMAI	
2) Masanao Idogawa	October 4, 2018
Name: Masanao IDOGAWA	
Witness: Yasumichi Inoue	Date: October 4,2018

PATENT REEL: 047458 FRAME: 0944

**RECORDED: 11/09/2018**