505171194 11/01/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5217962 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date			
EIICHIRO KIDO	10/04/2018			
MASANAO IDOGAWA	10/11/2018			
MANAMI YASUNAGA	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:	16177966

CORRESPONDENCE DATA

Fax Number: (202)408-4400

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent voing a few number if provided if that is unsuccessful, it will be sent via US Mail.

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

Phone: 202-408-4000

Email: faxserve@finnegan.com

Correspondent Name: FINNEGAN, HENDERSON, FARABOW, GARRETT &

Address Line 1: 901 NEW YORK AVENUE, NW
Address Line 4: WASHINGTON, D.C. 20001-4413

ATTORNEY DOCKET NUMBER: 05435.0167-00000

NAME OF SUBMITTER: LAUREN BROWN

SIGNATURE: /Lauren Brown/

DATE SIGNED: 11/01/2018

Total Attachments: 1

source=0167Assign#page1.tif

PATENT 505171194 REEL: 047385 FRAME: 0589

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:

entitled: CONTROLLER FOR INTERNAL COMBUSTION ENGINE AND METHOD FOR CONTROLLING INTERNAL COMBUSTION ENGINE

for whic	ch I(we)	have	executed	an	application	for	a	United	Stat	ces
Letters	Patent	on Oc	tober 4 and	11, 2	2018		(P	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) Eichiro Rido Name: Eiichiro KIDO	Date: October 4. 2018
Name: Eiichiro KIDO Nasanao Idogawa 2)	Date: October 11, 2018
Name: Masanao IDOGAWA 3) Manami Yasunago	Date: October 4, 2018
Name: Manami YASUNAGA	_ Date:
Witness: Yasumichi Inoue	Date: October15, 2018

PATENT REEL: 047385 FRAME: 0590

RECORDED: 11/01/2018