06/18/2019 505530318

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Takayuki HOSOGI	06/04/2019
Rihito KANEKO	06/04/2019
Kenji SENDA	06/06/2019
Norihito HANAI	06/06/2019
Hisayuki ITO	06/05/2019
Masaaki YAMAGUCHI	06/04/2019

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16444139

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DATE SIGNED:	06/18/2019	

PATENT REEL: 049500 FRAME: 0877

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Total Attachments: 2

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> PATENT REEL: 049500 FRAME: 0878

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

Name: Norihito HANAI

(hereinafter referred to as "ASSIGNEE"), which has a business office at $\ensuremath{\mathsf{T}}$

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:

IGNITION TIMING CONTROLLER AND CONTROL METHOD FOR INTERNAL COMBUSTION ENGINE

for which I(we) h	ave executed an application	on for	a United States
Letters Patent on	June 4, 5, and 6, 2019	<u> </u>	(Application Serial
No	filed 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) Takayuki Hosogi Name: Takayuki Hosogi	_ Date: 4. June . 2019
2) Rhito Kareko Name: Rihito KANEKO	Date: 4. June 2019
3) <u>Kenji</u> <u>Jendu</u> Name: Kenji SENDA	Date: 6. June 2019
4) Northito Hanai	Date: 6. June. 2019

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5) Hisayulci Ito	5. June 2019
Name: Hisayuki ITO	2
6) Masaaki Jamagachi Name: Masaaki YAMAGUCHI	Date: 4. June 201
Name: Masaaki/YAMAGUCHI	
Witness: Poshiv Jakaoka	Date: 7 June 2019