### 504230970 02/16/2017

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
HIROYUKI SHIBATA	12/20/2016
HIROYUKI SHIOIRI	12/20/2016
YUKI KUROSAKI	12/20/2016
SHOTARO KATO	12/20/2016
HIROKI YASUI	12/21/2016
TOMOHIRO ABE	12/23/2016
AKIRA HIBINO	12/21/2016

#### **RECEIVING PARTY DATA**

Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA	
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City:	Toyota-shi, Aichi-ken	
State/Country:	JAPAN	
Postal Code:	471-8571	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15434261

#### **CORRESPONDENCE DATA**

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NAME OF SUBMITTER:	MICHELLE HUMPHREYS	
SIGNATURE:	/Michelle Humphreys/	
DATE SIGNED:	02/16/2017	

504230970 REEL: 041275 FRAME: 0288

## **Total Attachments: 2**

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PATENT REEL: 041275 FRAME: 0289

# U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One D inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S)) TOYOTA JIDOSHA KABUSHIKI K		able consideration paid to the undersigned
1, Toyota-cho, Toyota-shi, Aichi-ke	en, 471-8571 Japan	
(hereinafter, "ASSIGNEE"), the receipt of which is ASSIGNEE the entire and exclusive right, title and (Title of Invention)	s hereby acknowledged, the undersigned ASS I interest to the invention entitled	SIGNOR hereby sells, assigns and transfers to
DRIVE UNIT OF HYBRID VEHICLI	=	
relating to International Patent Application and/or herewith or, if not so executed, was:	for which application for Letters Patent of the	e United States was executed on even date
(a) executed on	; (Insert date of execution of a	pplication, if not concurrent)
as sign February 16, 2017		
(b) filed on February 16, 2017  Serial No. 15/434,261	, Assignee's attorney is he	reby authorized to insert in (b) the specified
Serial No. 13/454,201	data, when known.	, and an in the speed that
substitute, reissue or reexamination application base including any extensions thereof (collectively, here  The ASSIGNOR agree(s), when requested by sa which the ASSIGNEE may deem necessary, desiral including in the preparation and prosecution of said reexamination, or public use proceeding, and in any acts to include but not be limited to executing all passworn testimony, and obtaining and producing evid	inafter, "said application(s) and Letters Pater id ASSIGNEE and without charge to but at to ple or expedient, for securing, maintaining ar application(s) and the issuance of said Lette litigation or other legal proceeding which ma appers, including sengrate assignments and dec	he expense of said ASSIGNEE, to do all acts and enforcing protection for said invention, res Patent(s), in any interference, reissue,
IN WITNESS WHEREOF, the undersigned inve	entor(s) has (have) affixed his/her/their signat	ture(s).
o Hirosupi Shilet	Hiroyuki SHIBATA	/) / . 20 20 //
1) Hiroyewsi Shibata (Signature)	(Type Name)	<u>December</u> 20,20/6 (Date)
Nowywhi Shiovi	Hiroyuki SHIOIRI	December 20, 2016
(Signature)	(Type Name)	(Date)
) Yuki Kurosaki	Yuki KUROSAKI	<u> </u>
(Signature)	(Type Name)	<u>December 20, 2016</u> (Date)
Shotaro Lato	Shotaro KATO	December 20, 2016
(Signature)	(Type Name)	<u>Decembor</u> 20, 2016 (Date)
	Hiroki YASUI	
( Signature)	(Type Name)	(Date)
Your Diagram CO.	Tomohiro ABE	h 1 22 22 11
) ) owotivo / He (Signature)	(Type Name)	December 23, 2016 (Date)
	(2) pe Hume)	Dute
akira Hibino	Akira HIBINO	December 21, 2016
(Signature)	(Type Name)	(Date)

PATENT REEL: 041275 FRAME: 0290

## U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S))	Dollar (\$1,00), and of other good and valuable	a consideration paid to the undersigned
TOYOTA JIDOSHA KABUSHIKI I	KAISHA	
1, Toyota-cho, Toyota-shi, Aichi-k	en, 471-8571 Japan	
(hereinafter, "ASSIGNEE"), the receipt of which ASSIGNEE the entire and exclusive right, title a (Title of Invention)	t is hereby acknowledged, the undersigned ASSIC and interest to the invention entitled	NOR hereby sells, assigns and transfers to
DRIVE UNIT OF HYBRID VEHIC	LE	-
	or for which application for Letters Patent of the U	Inited States was executed on even date
herewith or, if not so executed, was:		· .
(a) executed on	[Insert date of execution of app.	lication, if not concurrent)
(b) filed on	Assignee's attorney is here	by authorized to insert in (b) the specified
Serial No/	data, when known.	
substitute, reissue or reexamination application be including any extensions thereof (collectively, he The ASSIGNOR agree(s), when requested by which the ASSIGNEE may deem necessary, desincluding in the preparation and prosecution of standard in the preparation and procedure and preparation an	of the United States granted on said application an assed thereon, for the full term or terms for which the creinafter, "said application(s) and Letters Patent( y said ASSIGNEE and without charge to but at the irable or expedient, for securing, maintaining and said application(s) and the issuance of said Letters any litigation or other legal proceeding which may I papers, including separate assignments and declay widence.	he said Letters Patent(s) may be granted and s)").  expense of said ASSIGNEE, to do all acts enforcing protection for said invention, Patent(s), in any interference, reissue, arise or be declared in relation to same, such
IN WITNESS WHEREOF, the undersigned i	inventor(s) has (have) affixed his/her/their signatu	re(s).
1)	Hiroyuki SHIBATA	
(Signature)	(Type Name) Hiroyuki SHIOIRI	(Date)
2) (Signature)	(Type Name) Yuki KUROSAKI	(Date)
3)(Signature)	(Type Name)	(Date)
4)	Shotaro KATO	
(Signature)	(Type Name)	(Date)
5) Hiraki Yasur	Hiroki YASUI (Type Name)	Vecember 21, 201 (Date)
6)	Tomohiro ABE	
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**RECORDED: 02/16/2017**