#### 503864741 06/09/2016

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3911390

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

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Kengo HAGA	06/01/2016
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### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15178250

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SIGNATURE:	/Cynthia Kline/
DATE SIGNED:	06/09/2016

**PATENT** REEL: 038864 FRAME: 0641 503864741

**Total Attachments: 1** 

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PATENT REEL: 038864 FRAME: 0642

## U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

(Insert	TOYOTA JIDOSHA KABUSHIKI KAISHA				
ASSIGNEE's Name(s) Address(es))	1, Toyota-cho, Toyota-shi, A	ichi-ken, 471-8571 Japa	an ·		
	·				
	(hereinafter "ASSIGNEE"), the receipt of	which is hereby acknowledged, the	undersigned ASSIGNOR hereby sells, assigns and		
	transfers to ASSIGNEE the entire and ex- Method for Manufacturing A		ne invention enutied		
(Title of Invention)		·			
	relating to International Patent Applicati of the United States was executed on evo	ion PCT/JP/ en date herewith or, if not so execu	and/or for which application for Letters Patent ted, was:		
(Insert date of execution	(a) executed on	: Assigned's attorney is l	hereby authorized to insert in (b) the specified		
or execution of application, if not concurrent)	(b) filed on June 9, 2016 data, when known.  Serial No. 15 / 178,250;				
	and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").				
	ASSIGNEE, to do all acts which the ASS enforcing protection for said invention, is said Letters Patent(s), in any interference proceeding which may arise or be declar	IGNEE may deem necessary, desir- ncluding in the preparation and pr e, reissue, reexamination, or public ed in relation to same, such acts to	without charge to but at the expense of said able or expedient, for securing, maintaining and osecution of said application(s) and the issuance of c use proceeding, and in any litigation or other legal o include but not be limited to executing all papers, providing sworn testimony, and obtaining and		
	IN WITNESS WHEREOF, the	undersigned inventor(s) has (have)	affixed his/her/their signature(s).		
(Signatures)	1) Daichi Kosaka (SIGNATURE)	Daichi Kosaka	June 1, 2016		
	(SIGNATURE)	(TYPE NAME)	(DATE)		
	2) Muhuw Use (SIGNATURE)	Norihiro Ose	June 1, 2016		
	2 / aga 1/aga	Kengo Haga	, ,		
	3) (SIGNATURE)	(TYPE NAME)	June 1, 2016 (DATE)		
	Jongo Jacqui	Tomoya Suzuki	June 1, 2016		
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	5) Hajime Hosegawa	Hajime Hasegawa	June 1, 2016		
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(TYPE NAME)

(DATE) PATENT REEL: 038864 FRAME: 0643

**RECORDED: 06/09/2016** 

(SIGNATURE)