505159003 10/25/2018

PATENT ASSIGNMENT COVER SHEET

EPAS ID: PAT5205770 Electronic Version v1.1

Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

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Name	Execution Date
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SHOGO TANAKA	09/14/2018
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16170410

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DATE SIGNED:	10/25/2018

Total Attachments: 1

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PATENT REEL: 047310 FRAME: 0199 505159003

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

the undersigned inventor(s) (hereinaft	ter "ASSIGNOR") by	

(Insert	TOYOTA JIDOSHA KABUSHIKI KAISHA				
ASSIGNEE's Name(s) Address(es))	1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan				
			<u> </u>		
	undersigned ASSIGNOR hereby sells, assigns and he invention entitled				
(Title of Invention)	EXHAUST PURIFICATION SYSTEM OF INTERNAL COMBUSTION ENGINE				
		· · · · · · · · · · · · · · · · · · ·			
	relating to International Patent Applicati of the United States was executed on eve	on PCT/JP/_en date herewith or, if not so execu	and/or for which application for Letters Patent ted, was:		
(Insert date of execution of application, if not concurrent)	(a) executed on	Assignee's attorney is h	nereby authorized to insert in (b) the specified		
	Serial No/	;			
	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 declared.	IGNEE may deem necessary, desira ncluding in the preparation and pro 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 use proceeding, and in any litigation or other legal include but not be limited to executing all papers, providing sworn testimony, and obtaining and		
	IN WITNESS WHEREOF, the u	undersigned inventor(s) has (have)	affixed his/her/their signature(s).		
(Signatures)	1) Kenji Inoshita	Kenji Inoshita	_September 14, 2018		
	(SIGNATURE)	(TYPE NAME)	(DATE)		
	2) Shogo Tanaka (SIGNATURE) 3) Nouhisa Nakagawa	Shogo Tanaka	September 14, 2018		
	(SIGNATURE)	(TYPE NAME)	(DATE)		
	3) Nouhisa Nakagawa	Norihisa Nakagawa	September 14, 2018		
	(SIGNATURE)	(TYPE NAME)	(DATE)		
	4)(SIGNATURE)	(TYPE NAME)	(DATE)		
	5)				
	(SIGNATURE)	(TYPE NAME)	(DATE)		
	6)(SIGNATURE)	(TYPE NAME)	(DATE)		

(TYPE NAME)

(DATE)

(SIGNATURE)