502613317 12/24/2013

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2659857

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
RENTARO KUROKI	07/12/2013
DAISAKU SAWADA	07/15/2013
AKIRA KATO	07/15/2013

RECEIVING PARTY DATA

Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA		
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14128737

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NAME OF SUBMITTER:	BETSY BAI, NEW APPLICATIONS SPECIALIST
Signature:	/Betsy Bai/
Date:	12/24/2013

Total Attachments: 1

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PATENT REEL: 031845 FRAME: 0224 OF \$40.00 14128/3/

Assignment

Whereas, I/We, Rentaro KUROKI of Susono-shi, Shizuoka-ken, Japan, Daisaku SAWADA of Gotenba-shi, Shizuoka-ken, Japan, and Akira KATO of Susono-shi, Shizuoka-ken, Japan hereinafter called assignor(s), have invented certain improvements in DETECTION METHOD OF AIRTIGHT FAILURE IN WORKING-GAS CIRCULATING TYPE GAS ENGINE, AND WORKING-GAS CIRCULATING TYPE GAS ENGINE USING THE METHOD

and executed an application for Letters Patent of the United States of America therefor on even date hereof; and

Whereas.

TOYOTA JIDOSHA KABUSHIKI KAISHA

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

	I/We hereby author	orize and request o	our attorneys SUGH	IRUE MION, PLEC	of 2100	
Pennsy	ylvania Avenue, NV	W, Washington, D	C 20037-3213 to in	sert here in parenthe	eses	
(Appli	cation number 14/	128,737	and Confir	mation number		
7083	3	, filed Dece	mber 23, 2013) the	application	
number and filing date of said application when known.						
Date:	July 12, 20/3	Rentaro	Kuroki			
	s/	Rentaro KUROKI				
Date:	July 15, 2013	Daisa	Ion Sawa	da		
	s/	Daisaku SAWADA				
Date:	July 15,2013	akira	Kato			
		Akira KATO				
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Date:						
	s/					

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. $\S261$)

PATENT REEL: 031845 FRAME: 0225

RECORDED: 12/24/2013