505337618 02/20/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT					
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE					

CONVEYING PARTY DATA

Name	Execution Date		
CUMMINS, INC. D/B/A CUMMINS TECHNICAL CENTER	02/11/2019		

RECEIVING PARTY DATA

Name:	UNITED STATES DEPARTMENT OF ENERGY					
Street Address:	1000 INDEPENDENCE AVE. S.W.					
City:	WASHINGTON					
State/Country:	D.C.					
Postal Code:	20585					

PROPERTY NUMBERS Total: 1

Property Type	Number					
Application Number:	12891151					

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DATE SIGNED:	02/20/2019

Total Attachments: 1

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PATENT 505337618 REEL: 048389 FRAME: 0438

License to the United States Government

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Invention Title: Strategy for Controlling a Variable Geometry Turbine (VGT) via Exhaust
Manifold Pressure
Inventor(s): ANDREW W. OSBURN, MARTIN T. BOOKS, MERT GEVECT
U.S. Filing/Issue Date: 09/25/2009
Patent or Application Serial No.: 61/245, 909 Non-Provisional 12/891,151
Grant/Contract Number(s): DE-FC26-05NT42418
Foreign Applications filed/intended in (countries): BRAZIL, CHINA, GERMANY
The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq. , and the Standard Patent Rights clause at 37 CFR 401.14, FAR 52.227-11 or FAR 52.227-12 (if applicable) which are included among the terms of the above identified grant or contract award from the United States Government. This document is confirmatory of:

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The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

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By J. ST	EVE	v KOL	.HOUS	E		AC.			Kolko	دران	₹
(Institutional Business Official)					**************************************		(Signatu	re)			
Title DIRECT	OR, INT	ELLECTU	AL PROPE	RTY, R&T N	IGMT		······				
For CUMMINS	·····				CAL CENTE	R					
	(Gran	ee/Cont	ractor Orga	inization)			***************************************	**********	*****************	***************************************	
At CUMMINS,	~~~~~~			TECHNIC	AL CENTER	1900	MCKINLEY	ave	COLUMBUS,	IN	47201
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RECORDED: 02/20/2019