FORM PTO-1619A

Expires 06/30/99 OMB 0651-0027

08-13-2003

U.S. Department of Commerce Patent and Trademark Office **PATENT**

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Name (line 1)	Donald J. Benson		051403	
Name (line 2) Second Party			Execution Dat	te Yea
Name (line 1)	Taner Tuken		070203	
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FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent Name and Addre	ess Area Code and Telephone Number	317-231-7382
Name Jeffrey A. Michael		, 11, 144 m
Address (line 1) Barnes & Thornburg		
Address (line 2) 11 South Meridian Street		
Address (line 3) Indianapolis, Indiana 46204		
Address (line 4)		
Pages Enter the total number of including any attachme	of pages of the attached conveyance documents.	nent # 5
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Jeffrey A. Michael

Name of Person Signing

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Enter additional C		Execution Date Month Day Year
Name (line 1) D	avid M. Carey	05/14/2003
Name (line 2)		Execution Date Month Day Year
Name (line 1) Jo	ohn T. Carroll, III	06/04/2003
Name (line 2)		Execution Date Month Day Year
Name (line 1) Y	ul J. Tarr	06/04/2003
Name (line 2)		
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Pate	nt Application Number(s) Patent Number(s	s)

PATENT

REEL: 014368 FRAME: 0212

ASSIGNMENT

WHEREAS, Donald J. Benson, Taner Tuken, David M. Carey, John T. Carroll, III and Yul J. Tarr of 3387 Berkshire Place, Columbus, IN 47203, 4376 Red Hawk Court, Columbus, IN 47203, 6050 Acorn Drive, Columbus, IN 47201, 915 Baywood Court, Columbus, IN 47201 and 1235 Pine Hill Drive, Columbus, IN 47201, respectively hereinafter to as Assignor, has made a new and useful invention in SYSTEM FOR ESTIMATING AUXILIARY-INJECTED FUELING QUANTITIES for which Assignor has made or will make application for Letters Patent of the United States; and

WHEREAS, Cummins, Inc., hereinafter referred to as Assignee, a corporation of the State of Indiana having a principal place of business at 500 Jackson Street, Columbus, Indiana, 47201 desires to acquire all of the entire right, title and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application, and in, to an under any and all Letters Patent, United States and foreign, which may be obtained therefor and thereon;

NOW THEREFORE, to all whom it may concern, be it known that for an in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient considerations to Assignor in hand paid the receipt of which is hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto Assignee, all the entire right, title and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application for United States Letters Patent executed by Assignor this _______ day of ______, and any and all other application thereon and arising therefrom, including any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

Assignor hereby authorizes and requests the firm of Barnes & Thornburg, to insert here in parenthesis (Serial No. 10/417,829 , Filed April 17, 2003) the date and serial number of said application when officially known, and Assignor hereby authorizes and requests the Honorable Assistant Secretary and Commissioner of Patents and Trademarks to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignor agrees to sign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

INDS02 JMM 578989v1

WITNESS Assignor's hand this 14th day of May, 2003. Donald I Berran
Donold J. Benen
Donard J. Beyson
STATE OF INDIANA))SS:
COUNTY OF MALION)
Before me, a Notary Public, in and for said County and State, personally appeared the above-named Assignor, to me personally known, and who executed to foregoing Assignment in my presence and acknowledged the execution thereof as his free and voluntary act and deed for the uses and purposes therein set forth and expressed.
Notary Public
Notary Pyblic'
Printed: JEFREY A. MICHAEL
Printed: <u>JEFREY A. MICHAEL</u> My Commission Expires: <u>JUNE JS, JOOP</u> Resident of <u>MALION</u> County
Resident of MALION County
WITNESS Assignor's hand this day of, 20
Taner Tuken
STATE OF INDIANA))SS:
COUNTY OF)
Before me, a Notary Public, in and for said County and State, personally appeared the above-named Assignor, to me personally known, and who executed to foregoing Assignment in my presence and acknowledged the execution thereof as his free and voluntary act and deed for the uses and purposes therein set forth and expressed.
Notary Public
Printed:
Printed: My Commission Expires: Resident of County
Resident of County
INDS02 JMM 578989v1

WITNESS Assignor's hand	this	day	/ of	, 20
		D 111 D		
STATE OF INDIANA)	Donald J. Bo	enson	
)SS:			
COUNTY OF	_)			
Before me, a Notary the above-named Assignor, to me p in my presence and acknowledged for the uses and purposes therein set	ersonal the exe	ly known, and ecution thereof	who exe	and State, personally appeared cuted to foregoing Assignment ee and voluntary act and deed
Notary Public				
Printed:				
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Resident of	Co	unty		
WITNESS Assignor's hand	this S	Taner Tuker	y of	ken
STATE OF INDIANA)			
COUNTY OF)SS:			
COUNTY OF	- <i>)</i>			
Before me, a Notary the above-named Assignor, to me p in my presence and acknowledged for the uses and purposes therein set Mullia McLha Notary Public	ersonal the exe t forth a	ly known, and ecution thereof	who exe	ee and voluntary act and deed
010	0		Iowa Nota	riai Seal

Alice McGrath

Commission Number 174730

My Commission Expires June 14, 2006

INDS02 JMM 578989v1

Printed: Alice Mc Grath

My Commission Expires: 6-14-06

Resident of Black Hawk County

WITNESS Assignor's hand this
STATE OF INDIANA)
)SS: COUNTY OF MAKION)
COUNTY OF THICKE
Before me, a Notary Public, in and for said County and State, personally appeared the above-named Assignor, to me personally known, and who executed to foregoing Assignment in my presence and acknowledged the execution thereof as his free and voluntary act and deed for the uses and purposes therein set forth and expressed. Notary Public Notary Public
Printed:
My Commission Expires: JUNE 25, 20.8 Resident of MARION County
WITNESS Assignor's hand this day of, 20_03
STATE OF INDIANA)

Before me, a Notary Public, in and for said County and State, personally appeared the above-named Assignor, to me personally known, and who executed to foregoing Assignment in my presence and acknowledged the execution thereof as his free and voluntary act and deed for the uses and purposes therein set forth and expressed.

Notary Public

Printed: JETFREY A. MICHAET

My Commission Expires: JUNE 25, 2008

Resident of MACION

COUNTY OF MALION

INDS02 JMM 578989v1

WITNESS Assignor's hand this	4 day of JUNE, 2003.
	R
	Yul J. Tarr
STATE OF INDIANA))SS:	
COUNTY OF MARION)	

Before me, a Notary Public, in and for said County and State, personally appeared the above-named Assignor, to me personally known, and who executed to foregoing Assignment in my presence and acknowledged the execution thereof as his free and voluntary act and deed for the uses and purposes therein set forth and expressed.

Notary/Public

Printed: JEFFREY A MICHAEL

My Commission Expires: 50LY 25, 3008

Resident of MALION County

INDS02 JMM 578989v1

RECORDED: 08/11/2003