FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

1/5/01

01-19-2001



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U.S. Department of Commerce

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PATENT

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Name (line 1) Gerald N. Coleman	X	Month Day Year 08/22/2000
Name (line 2)		[08/22/2000
Pecond Party Name (line 1) James J. Faletti		Execution Date Month Day Year 10/16/2000
Name (line 2)		
Receiving Party	Mark if addition	nal names of receiving parties attached
Name (line 1) Caterpillar Inc. Name (line 2) Intellectual Property De		If document to be recoi is an assignment and t receiving party is not domiciled in the United
ddress (line 1) 100 N.E. Adams Street	partment	States, an appointment of a domestic representative is attach (Designation must be a
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omestic Representative Name and A	Address Enter for the first Re	eceiving Party only.
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Corresp	ondent Name and A	Address Area Coo	le and Telephone Nu	mber (309)	675-4922]
N	ame Larry G. Cain					
Address (Caterpillar Inc	2.				
Address (line 2) Intellectual Pr	roperty Department				
Address (line 3) 100 N. E. Adams	s Street				
Address (Peoria, IL 61	629-6490				
Pages	Enter the total nui	mber of pages of the a	ttached conveyance	document	# 3	
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If this docum	nent is being filed together wit	h a <u>new</u> Patent Application,	enter the date the patent a	pplication was	Month Day Yea	ir_
	he first named executing inver				09/22/2000	
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	only if a U.S. Applicatio has not been assigned	FCII	PCT		РСТ	
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Statement and Signature

Docket No. 00-426

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Authorization to charge additional fees:

Larry G. Cain Name of Person Signing	/Signature	01/05/2001
gg	// 5.9	Date

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Enter additional Conveyin			an names of contoying po	artioo attaorioa	Execution Date Month Day Year
Name (line 1) Dennis	D. Feucht				09/29/2000
Name (line 2)					Execution Date Month Day Year
Name (line 1) David A	. Pierpont				10/03/2000
Name (line 2)					Execution Date Month Day Year
Name (line 1)					monin Day Tour
Name (line 2)					
Receiving Party(ies	\$)	M	lark if additional names o	f receiving parties	attached
Enter additional Receiving	g Party(ies)				
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Name (line 2)					receiving party is not domiciled in the United States, an appointment
Address (line 1)					of a domestic representative is attached. (Designation must be a separate
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Patent Ap	pplication Number(s)			Patent Numbe	er(s)
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ASSIGNMENT

WHEREAS, Gerald N. Coleman, James J. Faletti, Dennis D. Feucht, and D. Andy Pierpont, residing respectively at Peoria, Illinois; Spring Valley, Illinois; Morton, Illinois; and Peoria, Illinois, hereinafter referred to as ASSIGNORS, have invented a new and useful

TWIN VARIABLE NOZZLE TURBINE EXHAUST GAS RECIRCULATION SYSTEM

			• •	on and/or make application for ng described and identified by s	
application having	an attached	International Appl	ication Request a	and/or an attached Declaration a	and
Power of Attorney	executed by	ASSIGNORS on	8/22/00	. 10/16/00	
9/29/00	, and	10/3/00	; and		

WHEREAS, Caterpillar Inc., a Delaware corporation having a place of business at Peoria, State of Illinois, United States of America, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said invention and any Letters Patent granted thereon by the United States of America and any foreign country;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by ASSIGNORS from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNORS;

- 1. ASSIGNORS hereby sell, assign, transfer and convey unto ASSIGNEE the entire right, title and interest in and to said invention, any application therefor, and any Letters Patent granted thereon by the United States of America and any foreign country, including any continuing application, reissue or extension thereof, together with the right to file applications and obtain patents for said invention in any foreign country, and covenant that ASSIGNORS have the full right to do so.
- 2. At the request and expense of ASSIGNEE, ASSIGNORS agree to communicate to ASSIGNEE any facts known respecting said invention, to execute all papers necessary to file any application on said invention necessary or desirable to aid ASSIGNEE in obtaining and enforcing proper protection for said invention in the United States of America and any foreign country.
- 3. ASSIGNORS hereby authorize and request the COMMISSIONER OF PATENTS AND TRADEMARKS to issue the United States Letters Patent on said invention, when granted, to Caterpillar Inc.
- 4. This assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNORS, ASSIGNORS' heirs and legal representatives.

Gerald M alenan	8/22/00
GERALD N. COLEMAN	Date
2 //	RALD N. COLEMAN we have hereunto set our hands.
Julian 8/22/00	Roberth- New 22 Avgoo Witness (2) Date
Address: 1108 E. Willeox Ave	Address: 1430 W Tomas G
PEORIA, IL. 61603	Peeria IL 61614
James LEALETTI	10/16/00 Date
MY WITHER OF the amount in home flow IANA	
AN WITNESS OF the execution hereof by JAM	IES J. FALETTI we have hereunto set our hands.
160H 2000	
Witness (1) Date	Witness (2) Daté
Address:	Address:
37 BLACKBERRY LAME	
MORTON, 12 61550	EOWARDS, IL 61528
1) 17	0/ -/-
Donney Joucht	9/29/00
DENNIS D. FEUCHT	Date
<i>1</i>	NNIS D. FEUCHT we have hereunto set our hands.
Witness (1) Date	Marlan R. Reynolds 9/29/00 Witness (2) Date Address: 30, Ehrett St Crove Coein, DD. 6/6/0
Address: 3200 W Capital Dra	Address: 301 Ehrett St
Peoria, Il 6/6/4	Creve Coem, DD. 61610

DAVID A. PIERPONT		Date	
IN WITNESS OF the exec	ution hereof by DA	AVID A. PIERPONT we h	nave hereunto set our hands.
Wigness (1)	O30d-00 Date	Eran Jacker Witness (2)	
Address: 314 S. Fw	404	Address: 1319 C	cunty Rd 1000N
Lacon IL 615	40	Lacon, 1	L 61540

RECORDED: 01/05/2001