RECEIVED

2004/006

OCT 0 3 2005

To the Honorable Commissioner of Patents and Trademark: Please record the attached original documents or copy thereof. 1. Name of conveying party(ics): Kevin Allan DOOLEY Farid ABRARI Additional name(s) of conveying party(ics) anached? Security Agreement	ORM PTO-1595		-07-2005
To the Honorable Commissioner of Paicans and Trademarks: Please record the attached original documents or copy thereof. Name of conveying party(ies): Kevin Allan DOOLEY Farid ABRARI Additional number of conveyance: Address of receiving party(ies): PRATT & WHITNEY CANADA CORP.	OMMERCE		Patent and Trademark Office
To the Honorable Commissioner of Paicuts and Tradernarks: Name of conveying party(ics)		1 (20)-1 11-11	JAILE 1
Name of conveying party(ies): Kevia Allan DOOLEY Fartd ABRARI Additional number(i) of conveying party(ies) attached? Yes X No			
Kevin Allan DOOLEY Farid ABRARI Additional name(s) of conveyance: Additional name(s) of conveyance: Additional name(s) of conveyance: Additional name(s) of conveyance: Additional name(s) of conveyance: Additional name(s) of conveyance: Additional name(s) of conveyance: Additional name(s) of conveyance: Additional name(s) of conveyance: City: Longueuil, Quebec			
Farid ABRARI Additional name(s) of conveying party(ies) attached? Yes X No 3. Nature of conveyance: 1000 Marie Victorin, (01BE5) X Assignment	1. Name of Co	nveying party(ies).	
3. Nature of conveyance: Marger			PRATT & WHITNEY CANADA CORP.
Nature of conveyance: 1000 Marie Victoria, (01BE5) X Assignment	Additional na	me(s) of conveying party(ics) attached? Yes	X No Address of receiving party(ies):
Security Agreement Change of Name Security Agreement	3. Nature of		1000 Marie Victorin, (01BE5)
City: Longueuil, Quebec State: Canada ZIP: J4G 1A1 Resecution Date: March 23, 2005 Additional name(t))*sdates(s) and occurrent garry(iss) Yes X Application number(s) or patent number(s): 11/082,653 If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No(s 11/082,653 Additional numbers attached? Yes X No S. Name and address of party to whom correspondence concerning document should be mailed: Name: Nicolas Pellemans c'o OGILVY RENAULT LLP Address: 1981 McGill College Avenue Suite 1600 City: Montreal Quebec State: Canada ZIP: H3A 2Y3 (Attach duplicate copy of this page if paying by deposit account. DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the torogoning infernation is true and correct and any attached copy is a true copy of the original document. Nicolas Pellemans (Reg. 38,797)	X Assign	ment Merger	1001 - 200
Other State: Canada ZIP: J4G IAI	Securi	ty Agreement Change o	of Name
4. Application number(s) or patent number(s): 11/082,653 If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No(s 11/082,653 Additional numbers attached? Yes X No 6. Total number of applications and patents involved: Name: Nicolas Pellemans c/o OGILVY RENAULT LLP Address: 1981 McGill College Avenue Suite 1600 Authorized to be charged to deposit account. City: Montreal Quebec State: Canada ZIP: H3A 2Y3 (Attach duplicate copy of this page if paying by deposit account to the original document. Po Not Use This SPACE Statement and signature. To the best of my knowledge and belief, the torregoing infestination is true and correct and any attached copy is a true copy of the original document. Nicolas Pellemans (Reg. 38,797)	Other		
4. Application number(s) or patent number(s): 11/082,653 If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No(s 11/082,653 Additional numbers attached? Yes X No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Nicolas Pellemans c/o OGILVY RENAULT LLP Address: 1981 McGill College Avenue Suite 1600 City: Montreal Quebec State: Canada ZIP: H3A 2Y3 (Attach duplicate copy of this page if paying by deposit account DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the arregoing information is true and correct and any attached copy is a true copy of the original document. Nicolas Pellemans (Reg. 38,797)	Execu	tion Date: March 23, 2005	Additional name(s)/address(cs) of conveying party(iss) Yes X N
If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No(s 11/082,653 Additional numbers attached? B. Patent No(s). Additional numbers attached? Yes X No 6. Total number of applications and patents involved: Name: Nicolas Pellemans c/o OGILVY RENAULT LLP Address: 1981 McGill College Avenue Suite 1600 City: Montreal Quebec State: Canada ZIP: H3A 2Y3 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the three going information is true and correct and any attached copy is a true copy of the original document. Nicolas Pellemans (Reg. 38,797)	4. Application	n number(s) or patent number(a): 11/082,	
Additional numbers attached? Name and address of party to whom correspondence concerning document should be mailed: Name: Nicolas Pellemans c/o OGILVY RENAULT LLP Address: 1981 McGill College Avenue Suite 1600 Suite 1600 City: Montreal Quebec State: Canada ZIP: H3A 2Y3 Statement and signature. To the best of my knowledge and belief, the threeouth intermediate in true and correct and any attached copy is a true copy of the original document. Nicolas Pellemans (Reg. 38,797)		· · · ·	
Additional numbers attached? Name and address of party to whom correspondence concerning document should be mailed: Name: Nicolas Pellemans c/o OGILVY RENAULT LLP Address: 1981 McGill College Avenue Suite 1600 City: Montreal Quebec State: Canada ZIP: H3A 2Y3 (Attach duplicate copy of this page if paying by deposit account DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the torseoning information is true and correct and any attached copy is a true copy of the original document. Nicolas Pellemans (Reg. 38,797) September 30, 2005			B. Patent No(s).
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Nicolas Pellemans c/o OGILVY RENAULT LLP Address: 1981 McGill College Avenue Suite 1600 City: Montreal Quebec State: Canada ZIP: H3A 2Y3 DO NOT USE THIS SPACE 6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41): \$	· -		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Nicolas Pellemans c/o OGILVY RENAULT LLP Address: 1981 McGill College Avenue Suite 1600 City: Montreal Quebec State: Canada ZIP: H3A 2Y3 DO NOT USE THIS SPACE 6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41): \$		•	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Nicolas Pellemans c/o OGILVY RENAULT LLP Address: 1981 McGill College Avenue Suite 1600 City: Montreal Quebec State: Canada ZIP: H3A 2Y3 DO NOT USE THIS SPACE 6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41): \$		Addition	No. Vos. W. No.
Name: Nicolas Pellemans C/O OGILVY RENAULT LLP Address: 1981 McGill College Avenue Suite 1600 City: Montreal Quebec State: Canada ZIP: H3A 2Y3 DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the thregoing infernation is true and correct and any strached copy is a true copy of the original document. Nicolas Pellemans (Reg. 38,797) September 30, 2005		address of party to whom correspondence	
Address: 1981 McGill College Avenue Suite 1600 Authorized to be charged to deposit account. City: Montreal Quebec State: Canada ZIP: H3A 2Y3 (Attach duplicate copy of this page if paying by deposit account DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the toregoing information is true and correct and any attached copy is a true copy of the original document. Nicolas Pellemans (Reg. 38,797)			6. Total number of applications and patents Une
Address: 1981 McGill College Avenue Suite 1600 Authorized to be charged to deposit account. City: Montreal Quebec State: Canada ZIP: H3A 2Y3 (Attach duplicate copy of this page if paying by deposit account DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the toregoing information is true and correct and any attached copy is a true copy of the original document. Nicolas Pellemans (Reg. 38,797)			mt/01/02/
Suite 1600 Authorized to be charged to deposit account. City: Montreal Quebec State: Canada ZIP: H3A 2Y3 (Attach duplicate copy of this page if paying by deposit account DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the three going information is true and correct and any attached copy is a true copy of the original document. Nicolas Pellemans (Reg. 38,797) September 30, 2005			
Suite 1600 Authorized to be charged to deposit account. City: Montreal Quebec State: Canada ZIP: H3A 2Y3 (Attach duplicate copy of this page if paying by deposit account DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the thregoing information is true and correct and any attached copy is a true copy of the original document. Nicolas Pellemans (Reg. 38,797) September 30, 2005			
City: Montreal Quebec State: Canada ZIP: H3A 2Y3 (Attach duplicate copy of this page if paying by deposit account number: DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the threeofing information is true and correct and any attached copy is a true copy of the original document. Nicolas Pellemans (Reg. 38,797) September 30, 2005	Name:	c/o OGILVY RENAULT LLP	7. Total fee (37 CFR 3.41): \$
Quebec State: Canada ZIP: H3A 2Y3 (Attach duplicate copy of this page if paying by deposit account DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the directing information is true and correct and any attached copy is a true copy of the original document. Nicolas Pellemans (Reg. 38,797) September 30, 2005	Name:	c/o OGILVY RENAULT LLP 1981 McGill College Avenue	7. Total fee (37 CFR 3.41): \$ Enclosed Fees paid April 29, 2005
State: Canada ZIP: H3A 2Y3 (Attach duplicate copy of this page if paying by deposit account DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the thregolding information is true and correct and any attached copy is a true copy of the original document. Nicolas Pellemans (Reg. 38,797) September 30, 2005	Name:	c/o OGILVY RENAULT LLP 1981 McGill College Avenue	7. Total fee (37 CFR 3.41): \$ Enclosed Fees paid April 29, 2005
9. Statement and signature. To the best of my knowledge and belief, the three only information is true and correct and any attached copy is a true copy of the original document. Nicolas Pellemans (Reg. 38,797) September 30, 2005	Name: Address:	c/o OGILVY RENAULT LLP 1981 McGill College Avenue Suite 1600	7. Total fee (37 CFR 3.41): \$ Enclosed Fees paid April 29, 2005 Authorized to be charged to deposit account.
9. Statement and signature. To the best of my knowledge and belief, the directing information is true and correct and any attached copy is a true copy of the original document. Nicolas Pellemans (Reg. 38,797) September 30, 2005	Name: Address: City:	c/o OGILVY RENAULT LLP 1981 McGill College Avenue Suite 1600 Montreal Quebec	7. Total fee (37 CFR 3.41): \$
To the best of my knowledge and belief, the thregoting information is true and correct and any attached copy is a true copy of the original document. Nicolas Pellemans (Reg. 38,797) September 30, 2005	Name: Address: City:	c/o OGILVY RENAULT LLP 1981 McGill College Avenue Suite 1600 Montreal Quebec	7. Total fee (37 CFR 3.41): Enclosed Fees paid April 29, 2005 Authorized to be charged to deposit account. 8. Deposit Account number:
To the best of my knowledge and belief, the thregoting information is true and correct and any attached copy is a true copy of the original document. Nicolas Pellemans (Reg. 38,797) September 30, 2005	Name: Address: City:	c/o OGILVY RENAULT LLP 1981 McGill College Avenue Suite 1600 Montreal Quebec Canada ZIP: H3A 2Y	7. Total fee (37 CFR 3.41): Enclosed Fees paid April 29, 2005 Authorized to be charged to deposit account. 8. Deposit Account number: Y3 (Attach duplicate copy of this page if paying by deposit account)
To the best of my knowledge and belief, the thregoting information is true and correct and any attached copy is a true copy of the original document. Nicolas Pellemans (Reg. 38,797) September 30, 2005	Name: Address: City:	c/o OGILVY RENAULT LLP 1981 McGill College Avenue Suite 1600 Montreal Quebec Canada ZIP: H3A 2Y	7. Total fee (37 CFR 3.41): Enclosed Fees paid April 29, 2005 Authorized to be charged to deposit account. 8. Deposit Account number: Y3 (Attach duplicate copy of this page if paying by deposit account)
of the original document. Nicolas Pellemans (Reg. 38,797) September 30, 2005	Name: Address: City: State:	c/o OGILVY RENAULT LLP 1981 McGill College Avenue Suite 1600 Montreal Quebec Canada ZIP: H3A 23	7. Total fee (37 CFR 3.41): Enclosed Fees paid April 29, 2005 Authorized to be charged to deposit account. 8. Deposit Account number: Y3 (Attach duplicate copy of this page if paying by deposit account)
	Name: Address: City: State: 9. Statement To the bes	c/o OGILVY RENAULT LLP 1981 McGill College Avenue Suite 1600 Montreal Quebec Canada ZIP: H3A 2Y DO and signature. t of my knowledge and belief, the threeon	7. Total fee (37 CFR 3.41): Enclosed Fees paid April 29, 2005 Authorized to be charged to deposit account. 8. Deposit Account number: (Attach duplicate copy of this page if paying by deposit account) O NOT USE THIS SPACE
	Name: Address: City: State: 9. Statement To the bes	c/o OGILVY RENAULT LLP 1981 McGill College Avenue Suite 1600 Montreal Quebec Canada ZIP: H3A 2Y DO and signature. t of my knowledge and belief, the threeon	7. Total fee (37 CFR 3.41): Enclosed Fees paid April 29, 2005 Authorized to be charged to deposit account. 8. Deposit Account number: (Attach duplicate copy of this page if paying by deposit account) O NOT USE THIS SPACE
	Name: Address: City: State: 9. Statement To the bes of the orig	c/o OGILVY RENAULT LLP 1981 McGill College Avenue Suite 1600 Montreal Quebec Canada ZIP: H3A 23 DO and signature. t of my knowledge and belief, the toregone in all document.	7. Total fee (37 CFR 3.41): Enclosed Fees paid April 29, 2005 Authorized to be charged to deposit account. 8. Deposit Account number: (Attach duplicate copy of this page if paying by deposit account) O NOT USE THIS SPACE Ing information is true and correct and any attached copy is a true copy

PAGE 4/6 * RCVD AT 10/3/2005 12:28:01 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-6/27 * DNIS:2738300 * CSID:514 286 5474 * DURATION (mm-ss):01-32

ASSIGNMENT

WHEREAS, IWe, Kevin Alian DOOLEY of 3671 Bumbrae Drive, Mississauga, Ontario, L5C 2R6 Canada and Farid ABRARI of 711 Bay St., Apt. 712, Toronto, Ontario, M5G 2J8 have invented certain new and useful improvements in EDDY CURRENT HEATING FOR REDUCING TRANSIENT THERMAL STRESSES IN A ROTOR OF A GAS TURBINE ENGINE, hereinafter the invention, for which I/we have made an application for letters patent of the United States which was executed herewith.

AND WHEREAS, PRATT & WHITNEY CANADA CORP., 1000 Marie Victorin, (01BE5) Longueuil, Québec, J4G 1A1, Canada, hereafter the Assignee, is desirous of acquiring the entire right, title and interest to and under said invention and any United States letters patent that may be granted for such application.

NOW, for good and valuable consideration, the receipt of which is hereby acknowledged, I/we do hereby assign, sell and transfer to the Assignee the entire right, title and interest in and to said invention and said application for letters patent of the United States, and in and to all divisions and continuations of said application, and in and to any letters patent of the United States and all reissues and extensions thereof that may be granted, together with all rights of priority granted by local laws and treatles including any international convention for the protection of industrial property, together with the right to extend the protection for said letters patent of the United States to the various territorial possessions now owned or which may be hereafter acquired by the United States of America. and all applications for letters patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all extensions, renewals and reissues thereof, all said rights to be held and enjoyed by the Assignee, its successors, legal representatives and assigns, to the full end of the term for which said letters patent for all such countries may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment had not been made. I/We do hereby request and authorize that any and all letters patent, when granted, be issued in accordance with this assignment to the Assignee.

In further consideration of said good and valuable consideration, I/we covenant and agree with the Assignee that they have a full and unencumbered title to the invention hereby assigned, which title I/we warrant unto the Assignee, and I/we further agree that I/we will, without demanding any further consideration therefor, at the request but at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, furnishing of information and giving of testimony, that may be or become necessary for

PAGE 5/6 * RCVD AT 10/3/2005 12:28:01 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-6/27 * DNIS:2738300 * CSID:514 286 5474 * DURATION (mm-ss):01-32

PATENT REEL: 017055 FRAME: 0080 obtaining, sustaining, or reissuing United States and foreign letters patents for said invention, and for maintaining and perfecting the Assignee's right to said invention and letters patent, particularly in cases of interference and litigation.

IN TESTIMONY WHEREOF, I/We have hereunto set my/our hand(s), this

2 day of MARCH 2005

Signed at MISSISSAUGIA

Kevin Allan DOOLEY

S.F. Jordanu

Farid ABRARI

Witness

Name & Address of Witness:

Together Bell

100 Hittle AVE TRANTO ON MILL 2NT

PAGE 6/6 * RCVD AT 10/3/2005 12:28:01 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-6/27 * DNIS:2738300 * CSID:514 286 5474 * DURATION (mm-ss):01-32

RECORDED: 05/02/2005

PATENT REEL: 017055 FRAME: 0081