PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Bhawan B. PATEL	08/25/2009
Oleg MORENKO	08/25/2009
Nagaraja RUDRAPATNA	08/29/2009

RECEIVING PARTY DATA

Name:	PRATT & WHITNEY CANADA CORP.	
Street Address:	1000 Marie Victorin	
Internal Address:	(01BE5)	
City:	Longueuil, Quebec	
State/Country:	CANADA	
Postal Code:	J4G 1A1	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12552380	

CORRESPONDENCE DATA

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Sebastien Clark - OGILVY RENAULT LLP Correspondent Name:

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ATTORNEY DOCKET NUMBER:	05002993-1064US SC/IP
NAME OF SUBMITTER:	Sebastien Clark

REEL: 023189 FRAME: 0174

PATENT 500953960

Total Attachments: 3

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PATENT REEL: 023189 FRAME: 0175

ASSIGNMENT

WHEREAS, I/We, 1) Bhawan B. PATEL of 5922 Long Valley Rd., Mississauga, Ontario L5M 6K4 Canada; 2) Nagaraja RUDRAPATNA of 2300, S. Walnut Drive, Chandler, AZ 85286 USA; and 3) Oleg MORENKO of 1542 Duncan Road, Oakville, Ontario L6J 2R6 Canada; have invented certain new and useful improvements in FUEL NOZZLE SWIRLER ASSEMBLY, hereinafter the invention, for which 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 treaties 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 obtaining, sustaining, or reissuing United States and foreign letters patents for

PATENT REEL: 023189 FRAME: 0176 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 $\frac{5}{2}$ Signed at $\frac{1}{2}$ Signed at
23 day of Hugust 200	Signed at Mississauga
	Bhawan B. PATEL
/	Oleg MORENKO
Louis Grodisin	
Witness	
Name & Address of Witness:	
LORIN MARKARIAN	
ETOBICOKE, ON TARIO	
	
IN TESTIMONY WHEREOF,	I/We have hereunto set my/our hand(s), this
day of	
	Nagaraja RUDRAPATNA
Witness	-
Name & Address of Witness:	
Name & Address of Witness:	
Name & Address of Witness:	

PATENT REEL: 023189 FRAME: 0177

IN TESTIMONY WHEREOF, I/We have hereunto set my/our hand(s), this day of	invention and letters patent, particul	arly in cases of interference and litigation.
Bhawan B. PATEL Oleg MORENKO Witness Name & Address of Witness: IN TESTIMONY WHEREOF, I/We have hereunto set my/our hand(s), this 29 day of August 2009 signed at Chandler, AZ, U.S./ Ragaraja RUDRAPATNA Witness Name & Address of Witness: ANUPAMA NAGARASA 2300, S. WALNUT DRIVE, CHANDLER AZ 85286	IN TESTIMONY WHEREOF,	I/We have hereunto set my/our hand(s), this
Oleg MORENKO Witness Name & Address of Witness: IN TESTIMONY WHEREOF, I/We have hereunto set my/our hand(s), this 29 day of August 2009 Signed at Chandler, A2, U.S./ Ragaraja RUDRAPATNA Witness Name & Address of Witness: ANUPAMA NAGARATA 2300, S. WALNUT DRWG, CHANDLER AZ 85286	day of	Signed at
Oleg MORENKO Witness Name & Address of Witness: IN TESTIMONY WHEREOF, I/We have hereunto set my/our hand(s), this 29 day of August 2009 Signed at Chandler, A2, U.S./ Ragaraja RUDRAPATNA Witness Name & Address of Witness: ANUPAMA NAGARATA 2300, S. WALNUT DRWG, CHANDLER AZ 85286		
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Nagaraja RUDRAPATNA V. J. Witness Name & Address of Witness: ANUPAMA NAGARAJA 2300, S. WALNUT DRIVE, CHANDLER AZ 85286	rame & Address of Whitess.	
Nagaraja RUDRAPATNA V. J. Witness Name & Address of Witness: ANUPAMA NAGARAJA 2300, S. WALNUT DRIVE, CHANDLER AZ 85286		
Nagaraja RUDRAPATNA V. J. Witness Name & Address of Witness: ANUPAMA NAGARAJA 2300, S. WALNUT DRIVE, CHANDLER AZ 85286		***************************************
Witness Name & Address of Witness: ANUPAMA NAGARAJA 2300, S. WALNUT DRIVE, CHANDLER AZ 85286	in TESTIMONY WHEREOF, 29 day of August 200°	R.S. Nagaraja
Witness Name & Address of Witness: ANUPAMA NAGARAJA 2300, S. WALNUT DRIVE, CHANDUER AZ 85286		Nagaraja RUDRAPATNA
Name & Address of Witness: ANUPAMA NAGARAJA 2300, S. WALNUT DRIVE, CHANDLER AZ 85286	SV. Al	
ANUPAMA NAGARAJA 2300, S. WALNUT DRIVE, CHANDLER AZ 85286	Witness	- ·
CHANDLER AZ 85286	*	
	2300, S. WALNUT DRIVE,	
U·s·A	CHANDLER AZ 85286	
	U·s·A	

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RECORDED: 09/03/2009