

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kin-Leung CHEUNG</td> <td>02/09/2012</td> </tr> <tr> <td>Enzo MACCHIA</td> <td>02/09/2012</td> </tr> <tr> <td>Barry BARNETT</td> <td>02/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kin-Leung CHEUNG	02/09/2012	Enzo MACCHIA	02/09/2012	Barry BARNETT	02/09/2012				
Name	Execution Date												
Kin-Leung CHEUNG	02/09/2012												
Enzo MACCHIA	02/09/2012												
Barry BARNETT	02/09/2012												
RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>PRATT & WHITNEY CANADA CORP.</td> </tr> <tr> <td>Street Address:</td> <td>1000 Marie-Victorin</td> </tr> <tr> <td>Internal Address:</td> <td>(01BE5)</td> </tr> <tr> <td>City:</td> <td>Longueuil</td> </tr> <tr> <td>State/Country:</td> <td>CANADA</td> </tr> <tr> <td>Postal Code:</td> <td>J4G1A1</td> </tr> </table>		Name:	PRATT & WHITNEY CANADA CORP.	Street Address:	1000 Marie-Victorin	Internal Address:	(01BE5)	City:	Longueuil	State/Country:	CANADA	Postal Code:	J4G1A1
Name:	PRATT & WHITNEY CANADA CORP.												
Street Address:	1000 Marie-Victorin												
Internal Address:	(01BE5)												
City:	Longueuil												
State/Country:	CANADA												
Postal Code:	J4G1A1												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13408096</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13408096								
Property Type	Number												
Application Number:	13408096												
CORRESPONDENCE DATA													
<p>Fax Number: (514)288-8389</p> <p>Phone: 514-847-4311</p> <p>Email: andrea.shand@nortonrose.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: NORTON ROSE CANADA LLP</p> <p>Address Line 1: 1, PLACE VILLE MARIE</p> <p>Address Line 2: SUITE 2500</p> <p>Address Line 4: MONTREAL, CANADA H3B 1R1</p>													
ATTORNEY DOCKET NUMBER:	05002993-1549US TJR/AS												
NAME OF SUBMITTER:	T. James Reid												
<p>Total Attachments: 2</p> <p>source=assignment#page1.tif</p> <p>source=assignment#page2.tif</p>													

CH \$40.00 13408096

ASSIGNMENT

WHEREAS, I/WE, **CHEUNG, Kin-Leung** of 24 Janus Court, Toronto, Ontario, M2H 1S4, Canada; **MACCHIA, Enzo** of 127 Treelawn Boulevard, Kleinburg, Ontario, L0J 1C0, CANADA and **BARNETT, Barry** of 10 Longwater Chase, Markham, Ontario, L3R 4A2, CANADA have invented certain new and useful improvements in **NANO-METAL COATED VANE COMPONENT FOR GAS TURBINE ENGINES AND METHOD OF MANUFACTURING SAME**, 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), J4G 1A1 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, 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. 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, we covenant and agree with the Assignee that they have a full and unencumbered title to the invention hereby assigned, which title we warrant unto the Assignee, and we further agree that 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 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 have hereunto set my hand, this 9th day of FEBRUARY 2012.

Signed at MISSISSAUGA.


Inventor: Kin-Leung Cheung


Inventor: Enzo Macchia


Inventor: Barry Barnett

Witness:

Name: Horde Abachi


Address

914-2885 Bayview Ave.
Toronto, ON
M2K 0A3