U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

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cket No.: <u>13516</u> arks: thereof

1. Name of conveying party(ies): Nashed Youssef Gary Weir Additional name(s) of conveying party(ies) attached Yes X No 3. Nature of conveyance: X Assignment Merger Security Agreement Change of Name Other Execution Date: 10/20/2000	2. Name and address of receiving party(ies) Name: Pratt & Whitney Canada Corp. Street Address: 1000 Marie Victorin, (01BE5) City: Lonqueuil state Ouebec Zip: J4G 1A1 CANADA Additional name(s) & address(es) attached? Yes X No
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: Title: MIXED FLOW AND CENTRIFUGAL COMPRESSOR FOR GAS TURBINE ENGINE A. Patent Application No.(s) 09/680,281 Additional numbers attached? Yes X No	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Ralph A. Dowell Internal Address: Street Address: Suite 309, 1215 Jefferson Davis Highway Arlington, VA 22202-3124 (703) 415-2555	6. Total number of applications and patents involved:1 7. Total fee (37CFR 3.41)\$_40.00 X Enclosed Authorized to be charged to deposit account 8. Deposit account number: (Attach duplicate copy of this page if paying by deposit account)
9. Statement and signature. 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. Ralph A. Dowell 26,868 Name of Person signing Total number of pages including cover sheet, attachments and document: Total number of pages including cover sheet information to:	

Mail documents to be recorded with required cover sheet into Commission of Patent & Trademarks, Box Assignments Washington, D.C. 20231

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PATENT REEL: 011435 FRAME: 0669

ASSIGNMENT

WHEREAS, WE, **Nashed YOUSSEF** of 4333 Dallas Court, Mississauga, Ontario, L4N 4G7, Canada and **Gary WEIR** of 40 Sandbourne Crescent, Toronto, Ontario, M2J 3A6, Canada have invented certain new and useful improvements in a **MIXED FLOW AND CENTRIFUGAL COMPRESSOR FOR GAS TURBINE ENGINE**, hereinafter the invention, for which we have made an application for letters patent of the United States, namely Serial No. 09/680,281 filed 6 October 2000.

AND WHEREAS, **PRATT & WHITNEY CANADA CORP.**, 1000 Marie Victorin, (01BE5) Longueuil, Quebec, 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.

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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 20 day of October 2000.

Signed at __ Mississanga, On fario

Inventor: Garv Weir

Witness: Mu Waltra

1801 Courtney Park Drive

Nashed Youssef

Mississauga ON LST 133
Address

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RECORDED: 01/16/2001 REEL: 011435 FRAME: 0671