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3. Nature of conveyance/Execution Date(s): Execution Date(s) O7/22/2019 Assignment Merger Security Agreement Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other	Office of Naval Research e text here Street Address: 875 North Randolph Street City: Arlington State: VA Country: USA Zip: 22203-1995 Additional name(s) & address(es) attached? Yes No document serves as an Oath/Declaration (37 CFR 1.63). B. Patent No.(s)	
Additional numbers att 5. Name and address to whom correspondence concerning document should be mailed:	ached? Yes No 6. Total number of applications and patents involved: 1	
Name: Carol Petrosky Internal Address: Office of Naval Research Office of Counsel Street Address: 875 North Randolph Street	 7. Total fee (37 CFR 1.21(h) & 3.41) \$ Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 	
City: Arlington State: VA Zip: 22203-1995 Phone Number: 703-969-4008 Docket Number:	8. Payment Information Deposit Account Number Authorized UserName	
9. Signature: Signature CAROL PETROSKY Name of Person Signing Documents to be recorded (including cover shee Mail Stop Assignment Recordation Services, Director or		

PATENT REEL: 058521 FRAME: 0388

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CONFIRMATORY INSTRUMENT

Application for:	INCLINATION OF FORWARD AND AFT GROOVE WALLS OF CASING TREATMENT FOR GAS TURBINE ENGINE
Inventor(s):	Michael M. Joly, et al.
Serial No.:	16/384,076
Patent Docket #:	107041US01
Contractor Docket No.:	107041
Contract No.:.	N00014-18-C-1012
Filing Date:	15 Apr 2019
Contractor:	Pratt & Whitney

The Invention identified above is a "Subject Invention" under the Patent Rights Clause included in Contract No. N00014-18-C-1012 with the United States Navy.

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UNITED TECHNOLOGIES CORPORATION Pratt & Whitney

Troy S. Prince Vice President & Chief Intellectual Property Counsel Date: July 22, 2019

United Technologies Corporation Pratt & Whitney Patent Department Mail Stop 132-13 400 Main Street East Hartford, CT 06118

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