

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4352222

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
FREDERICK M. SCHWARZ	04/03/2017
GABRIEL L. SUCIU	04/04/2017
WILLIAM K. ACKERMANN	04/04/2017
DANIEL BERNARD KUPRATIS	04/03/2017
MICHAEL E. MCCUNE	04/04/2017
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
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<b>SIGNATURE:</b>	/Theodore W. Olds/
<b>DATE SIGNED:</b>	04/04/2017
<b>Total Attachments: 2</b>	

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**ASSIGNMENT**  
**(Joint Inventors)**

WHEREAS, we, **Frederick M. Schwarz** of 121 Steep Hollow Drive, Glastonbury, CT 06033; **Gabriel L. Suciu** of 27 Tanglewood Drive, Glastonbury, CT 06033; **William K. Ackermann** of 15 Butternut Drive, East Hartford, CT 06118-1905; **Daniel Bernard Kupratis** of 12 Sunset Drive, Wallingford, CT 06492; and **Michael E. McCune** of 43 Hunters Court, Colchester, CT 06415, (hereinafter referred to as Assignors), have invented new and useful improvements in:

**GAS TURBINE ENGINE WITH HIGH SPEED LOW PRESSURE TURBINE SECTION  
AND BEARING SUPPORT FEATURES**

which is a continuation-in-part of United States Patent Application No. 13/446,510 filed April 13, 2012, which claims benefit of United States Provisional Application No. 61/619,124 filed April 2, 2012; and which is a continuation-in-part of United States Patent Application No. 13/363,154 filed January 31, 2012:

AND WHEREAS, **UNITED TECHNOLOGIES CORPORATION**, (hereinafter referred to as Assignee), of **10 Farm Springs Rd., Farmington, Connecticut, 06032**, a corporation of the State of Delaware is desirous of acquiring the entire right, title and interest in and to said invention and said Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have assigned, sold and set over, and by these presents assign, sell and set over unto the Assignee, its successors, legal representatives and assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest in and to said invention, said application for Letters Patent, including the right to file foreign patent applications corresponding to said application, and the right to claim the priority date of said United States patent application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions of said Letters Patent or Patents prepared and executed by the Assignors on even date herewith, the same to be held and enjoyed by the Assignee, as fully and entirely as the same would have been held by the Assignors had this Assignment and sale not been made.

AND the Assignor hereby covenants and agrees that the Assignors will at any time upon the request and at the expense of the Assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and the Assignors hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to the said Assignee in accordance with this Agreement.

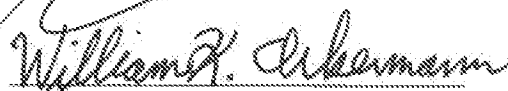
Dated: 4/3/2017

  
Frederick M. Schwarz


Dated: 4/4/2017

  
Gabriel L. Sucin

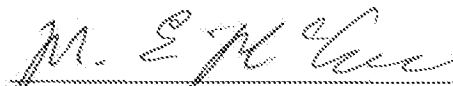
Dated: 4/4/17

  
William K. Ackermann

Dated: 3 April 2017

  
Daniel Bernard Kupratz

Dated: 4/4/2017

  
Michael E. McCune

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