

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4587310

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JONATHAN JEFFERY EASTWOOD	09/08/2017
JOSEPH F. ENGLEHART	09/08/2017
GRAHAM RYAN PHILBRICK	09/08/2017
CHAIDEE WOODS BROWN	09/06/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	UNITED TECHNOLOGIES CORPORATION
<b>Street Address:</b>	10 FARM SPRINGS ROAD
<b>City:</b>	FARMINGTON
<b>State/Country:</b>	CONNECTICUT
<b>Postal Code:</b>	06032
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15700288
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(248)988-8363
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	248-988-8360
<b>Email:</b>	docket@cgolaw.com
<b>Correspondent Name:</b>	WILLIAM S. GOTTSCHALK
<b>Address Line 1:</b>	CARLSON, GASKEY & OLDS/PRATT & WHITNEY
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<b>Address Line 4:</b>	BIRMINGHAM, MICHIGAN 48009
<b>ATTORNEY DOCKET NUMBER:</b>	98806US01; 67097-3672PUS1
<b>NAME OF SUBMITTER:</b>	WILLIAM S. GOTTSCHALK
<b>SIGNATURE:</b>	/William S. Gottschalk/
<b>DATE SIGNED:</b>	09/11/2017
<b>Total Attachments: 5</b>	
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**ASSIGNMENT**  
**(Joint Inventors)**

WHEREAS, we Jonathan Jeffery Eastwood residing at 205 Griswold Drive, West Hartford, CT 06119, Joseph F. Englehart residing at 5052 Cramer Woods Dr., Gastonia, NC 28056-8581, Graham Ryan Philbrick residing at 244 Tuttle Road, Durham, CT 06422, and ChaiDee Woods Brown residing at 7200 NW 2<sup>nd</sup> Ave. #149, Boca Raton, FL 33487 (hereinafter referred to as Assignors), have invented new and useful improvements in:

**ACTIVE CLEARANCE CONTROL SYSTEM AND MANIFOLD FOR GAS TURBINE ENGINE**

which is set forth in an application in the United States executed on even date herewith:

AND WHEREAS, UNITED TECHNOLOGIES CORPORATION, (hereinafter referred to as Assignee), of 10 Farm Springs Road, 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: 9/8/2017

  
Jonathan Jeffery Eastwood

Dated: \_\_\_\_\_

Joseph F. Englehart

Dated: \_\_\_\_\_

Graham Ryan Philbrick

Dated: \_\_\_\_\_

ChaiDee Woods Brown

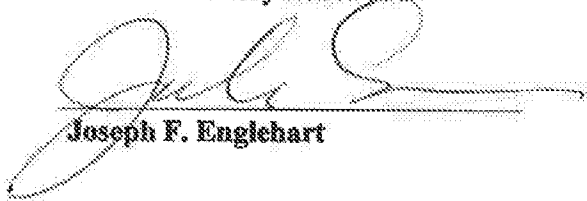
Please address all correspondence and telephone calls and, upon recordation, please return this document to:

William S. Gottschalk  
CARLSON, GASKEY & OLDS, P.C.  
400 W. Maple, Suite 350  
Birmingham, MI 48009  
(248) 988-8360

Dated: \_\_\_\_\_

Jonathan Jeffery Eastwood

Dated: 8 Sept 2017

  
Joseph F. Englehart

Dated: \_\_\_\_\_

Graham Ryan Philbrick

Dated: \_\_\_\_\_

ChaiDes Woods Brown

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Dated: \_\_\_\_\_

Jonathan Jeffery Eastwood

Dated: \_\_\_\_\_

Joseph F. Englehart

Dated: 9/8/2017

  
Graham Ryan Philbrick

Dated: \_\_\_\_\_

ChaiDee Woods Brown

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(248) 988-8360

Dated: \_\_\_\_\_

Jonathan Jeffery Eastwood

Dated: \_\_\_\_\_

Joseph F. Englehart

Dated: \_\_\_\_\_

Graham Ryan Philbrick

Dated: 9/6/2017

  
ChaiDee Woods Brown

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