

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>Frederico Papa</td> <td>03/11/2013</td> </tr> <tr> <td>Thomas G. Phillips</td> <td>03/12/2013</td> </tr> <tr> <td>Kathleen R. Phillips</td> <td>03/12/2013</td> </tr> <tr> <td>Ethan K. Steams</td> <td>03/11/2013</td> </tr> <tr> <td>Justin W. Heiss</td> <td>03/11/2013</td> </tr> </tbody> </table>		Name	Execution Date	Frederico Papa	03/11/2013	Thomas G. Phillips	03/12/2013	Kathleen R. Phillips	03/12/2013	Ethan K. Steams	03/11/2013	Justin W. Heiss	03/11/2013
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<table border="1"> <tr> <td>Name:</td> <td>United Technologies Corporation</td> </tr> <tr> <td>Street Address:</td> <td>One Financial Plaza</td> </tr> <tr> <td>City:</td> <td>Hartford</td> </tr> <tr> <td>State/Country:</td> <td>CONNECTICUT</td> </tr> <tr> <td>Postal Code:</td> <td>06101</td> </tr> </table>		Name:	United Technologies Corporation	Street Address:	One Financial Plaza	City:	Hartford	State/Country:	CONNECTICUT	Postal Code:	06101		
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CORRESPONDENCE DATA													
<p>Fax Number: 2489888363 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2489888690 Email: docket@cgolaw.com</p> <p>Correspondent Name: Todd W. Barrett Address Line 1: 400 W. Maple Road, Suite 350 Address Line 2: Carlson, Gaskey & Olds Address Line 4: Birmingham, MICHIGAN 48009</p>													
ATTORNEY DOCKET NUMBER:	7116US-AA; 67097-1584PU												
NAME OF SUBMITTER:	Todd W. Barrett												
<p>Total Attachments: 3 source=Assignment_Signed#page1.tif source=Assignment_Signed#page2.tif source=Assignment_Signed#page3.tif</p>													

CH \$40.00 13799406

ASSIGNMENT
(Joint Inventors)

WHEREAS, We, **Federico Papa** residing at **67 Ridgeview Drive, Ellington, CT 06029**; **Thomas G. Phillips** residing at **109 Skyview Drive, Coventry, CT 06238**; **Kathleen R. Phillips** residing at **109 Skyview Drive, Coventry, CT 06238**; **Ethan K. Stearns** residing at **256 Village Hill Rd., Lebanon, CT 06249**; and **Justin W. Heiss** residing at **610 Forest Street, East Hartford, CT 06118** (hereinafter referred to as Assignors), have invented new and useful improvements in:

GAS TURBINE ENGINE THERMAL MANAGEMENT SYSTEM

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 **One Financial Plaza, Hartford, Connecticut 06101**, 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: 3/11/13

[Signature]
Witness

[Signature]
Witness

[Signature]
Federico Papa

Dated: 3-12-13

[Signature]
Witness

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Witness

[Signature]
Thomas G. Phillips

Dated: 3/12/2013

[Signature]
Witness

[Signature]
Witness

[Signature]
Kathleen R. Phillips

Dated: 3-11-13

[Signature]
Witness

[Signature]
Witness

[Signature]
Ethan K. Stearns

Dated: 3/11/2013

[Signature]
Witness

[Signature]
Witness

[Signature]
Justin W. Heiss

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

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