

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>Brandon W. Spangler</td> <td>06/28/2012</td> </tr> <tr> <td>Russell J. Bergman</td> <td>06/28/2012</td> </tr> </tbody> </table>		Name	Execution Date	Brandon W. Spangler	06/28/2012	Russell J. Bergman	06/28/2012				
Name	Execution Date										
Brandon W. Spangler	06/28/2012										
Russell J. Bergman	06/28/2012										
RECEIVING PARTY DATA											
<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
Name:	United Technologies Corporation										
Street Address:	One Financial Plaza										
City:	Hartford										
State/Country:	CONNECTICUT										
Postal Code:	06101										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13539838</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13539838						
Property Type	Number										
Application Number:	13539838										
CORRESPONDENCE DATA											
<p>Fax Number: (248)988-8363 Phone: 2489888360 Email: docket@cgolaw.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Todd W. Barrett Address Line 1: 400 West Maple Road, Suite 350 Address Line 2: Carlson, Gaskey & Olds, PC Address Line 4: Birmingham, MICHIGAN 48009</p>											
ATTORNEY DOCKET NUMBER:	PA22438U; 67097-1948US1										
NAME OF SUBMITTER:	Todd W. Barrett										
Total Attachments: 2 source=Executed_Assignment#page1.tif source=Executed_Assignment#page2.tif											

CH \$40.00 13539838

PA-0022438-U; 67097-1948 PUS1

ASSIGNMENT
(Joint Inventors)

WHEREAS, we, **Brandon W. Spangler of 25 Valerie Dr., Vernon, CT 06066 and Russell J. Bergman of 81 Kendrick Ln., Windsor, CT 06095** (hereinafter referred to as Assignors), have invented new and useful improvements in:

AIRFOIL COOLING ARRANGEMENT

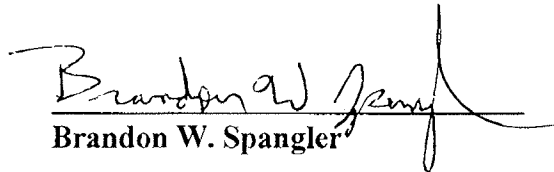
which is set forth in an application in the United States executed on even date herewith:

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:

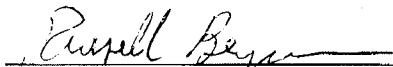
NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have assigned, sold and set over, and by these presents assign, sell and set over unto the 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: 6/28/12


Brandon W. Spangler

PA-0022438-U; 67097-1948 PUS1

Dated: 6/28/12

Russell J. Bergman

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