

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Gabriel L. Suci</td> <td>11/23/2004</td> </tr> <tr> <td>James W. Norris</td> <td>11/23/2004</td> </tr> <tr> <td>Craig A. Nordeen</td> <td>11/23/2004</td> </tr> </tbody> </table>		Name	Execution Date	Gabriel L. Suci	11/23/2004	James W. Norris	11/23/2004	Craig A. Nordeen	11/23/2004
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Gabriel L. Suci	11/23/2004								
James W. Norris	11/23/2004								
Craig A. Nordeen	11/23/2004								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	United Technologies Corporation								
<b>Street Address:</b>	One Financial Plaza								
<b>City:</b>	Hartford								
<b>State/Country:</b>	CONNECTICUT								
<b>Postal Code:</b>	06101								
<b>PROPERTY NUMBERS Total: 1</b>									
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<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(248)988-8363								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
<b>Phone:</b>	248-988-8360								
<b>Email:</b>	bbeard@cgolaw.com								
<b>Correspondent Name:</b>	David L. Wisz								
<b>Address Line 1:</b>	400 West Maple Road, Suite 350								
<b>Address Line 4:</b>	Birmingham, MICHIGAN 48009								
<b>ATTORNEY DOCKET NUMBER:</b>	PA-11184-US								
<b>NAME OF SUBMITTER:</b>	David L. Wisz								

Total Attachments: 3  
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**CH \$40.00 11719956**



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

WHEREAS, We, **Gabriel L. Suciu, James W. Norris, and Craig A. Nordeen** (hereinafter referred to as Assignor), residing at **27 Tanglewood Dr., Glastonbury, CT 06033; 7 Levita Road, Lebanon, CT 06249; and 48 Delmont St., Manchester, CT 06040;** have invented new and useful improvements in:

**REGENERATIVE TURBINE BLADE AND VANE COOLING FOR  
A TIP 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 **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.

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at East Hartford  
\_\_\_\_\_, in the State of Connecticut, this 23 day of Nov, 2004.

  
\_\_\_\_\_  
**Gabriel L. Suci**

STATE OF CONNECTICUT )

COUNTY OF ) Hartford

Before me personally appeared said **Gabriel L. Suci**, and acknowledged the foregoing instrument to be his own free act and deed, this 23<sup>rd</sup> day of Nov, 2004.

Lorraine B. Manley  
\_\_\_\_\_  
Notary Public

*My commission expires 7/31/06*

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at East Hartford  
\_\_\_\_\_, in the State of Connecticut, this 23 day of Nov, 2004.

  
\_\_\_\_\_  
**James W. Norris**

STATE OF CONNECTICUT )

COUNTY OF ) Hartford

Before me personally appeared said **James W. Norris**, and acknowledged the foregoing instrument to be his own free act and deed, this 23<sup>rd</sup> day of Nov, 2004.

Lorraine B. Manley  
\_\_\_\_\_  
Notary Public

*My commission expires 7/31/06*

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at E. Hartford  
\_\_\_\_\_, in the State of Connecticut, this 23 day of Nov., 2004.

Craig A. Nordeen  
Craig A. Nordeen

STATE OF CONNECTICUT )

COUNTY OF )

Hartford

Before me personally appeared said Craig A. Nordeen, and acknowledged the foregoing instrument to be his own free act and deed, this 20th day of Nov., 2004.

Lorraine B. Manley  
Notary Public  
My commission expires 7/31/06

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

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