

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Boris Karpman</td> <td>08/28/2009</td> </tr> <tr> <td>Richard P Meisner</td> <td>08/28/2009</td> </tr> <tr> <td>John L Shade</td> <td>08/28/2009</td> </tr> </tbody> </table>		Name	Execution Date	Boris Karpman	08/28/2009	Richard P Meisner	08/28/2009	John L Shade	08/28/2009		
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">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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<b>PROPERTY NUMBERS Total: 1</b>											
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (612)339-6580  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 612-339-1863          Email: nplongley@kinney.com          Correspondent Name: KINNEY &amp; LANGE, P.A.          Address Line 1: THE KINNEY &amp; LANGE BUILDING          Address Line 2: 312 SOUTH THIRD STREET          Address Line 4: MINNEAPOLIS, MINNESOTA 55415-1002</p>											
ATTORNEY DOCKET NUMBER:	PA0000713A-U73.12-378KL										
NAME OF SUBMITTER:	Nathaniel P. Longley										
<p>Total Attachments: 2          source=2009-9-2-Assignment-PA0000713U-U73-12-378KL#page1.tif</p>											

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**PATENT**  
**REEL: 023184 FRAME: 0221**



**ASSIGNMENT**

Attorney Docket No.

PA0000713U-U73.12-378KL

First Named Inventor : Boris Karpman

Title : HIGH FIDELITY INTEGRATED HEAT TRANSFER AND CLEARANCE IN  
COMPONENT-LEVEL DYNAMIC TURBINE SYSTEM CONTROL

WHEREAS, we, Boris Karpman, of Marlborough, CT, U.S.A.; Richard P. Meisner, of Glastonbury, CT, U.S.A.; and John L. Shade, of Portland, CT, U.S.A. have invented certain new and useful improvements as described in an application entitled HIGH FIDELITY INTEGRATED HEAT TRANSFER AND CLEARANCE IN COMPONENT-LEVEL DYNAMIC TURBINE SYSTEM CONTROL for Letters Patent of the United States, the application being identifiable by its title and named inventors above, and/or being identifiable in the United States Patent and Trademark Office by Application No. \_\_\_\_\_, filed \_\_\_\_\_; and

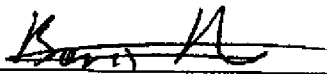
WHEREAS, United Technologies Corporation, a corporation organized and existing under the laws of the State of Delaware, and having offices at One Financial Plaza, Hartford, Connecticut 06101, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application, corresponding domestic and foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.


I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained.

I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

  
Boris Karpman

8/28/2009  
Date

  
Witness Signature

David Le. Ma  
Witness Printed Name

Richard P. Meisner

Richard P. Meisner

8/28/2009

Date

David L. Meisner

Witness Signature

David L. Meisner

Witness Printed Name

John L. Shade

John L. Shade

8/28/09

Date

David L. Meisner

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