

## PATENT ASSIGNMENT

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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>JinQuan Xu</td> <td>07/09/2012</td> </tr> <tr> <td>Mark F. Zelesky</td> <td>07/06/2012</td> </tr> <tr> <td>Atul Kohli</td> <td>07/09/2012</td> </tr> <tr> <td>Matthew S. Gleiner</td> <td>07/09/2012</td> </tr> </tbody> </table>	Name	Execution Date	JinQuan Xu	07/09/2012	Mark F. Zelesky	07/06/2012	Atul Kohli	07/09/2012	Matthew S. Gleiner	07/09/2012	
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JinQuan Xu	07/09/2012										
Mark F. Zelesky	07/06/2012										
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Matthew S. Gleiner	07/09/2012										
RECEIVING PARTY DATA											
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>13544090</td> </tr> </tbody> </table>	Property Type	Number	Application Number:	13544090							
Property Type	Number										
Application Number:	13544090										
CORRESPONDENCE DATA											
Fax Number:	(612)339-6580										
Phone:	612-339-1863										
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	Matthew J. DeRuyter										
Address Line 1:	312 South Third Street										
Address Line 2:	Kinney & Lange, P.A.										
Address Line 4:	Minneapolis, MINNESOTA 55415-1028										
ATTORNEY DOCKET NUMBER:	PA0019019U-U73.12-759KL										
NAME OF SUBMITTER:	Matthew J. DeRuyter										
Total Attachments: 2 source=2012-07-09-Assignment-PA0019019U-U73-12-759KL#page1.tif source=2012-07-09-Assignment-PA0019019U-U73-12-759KL#page2.tif											

CH \$40.00 13544090

**ASSIGNMENT**

Attorney Docket No.

PA0019019U-U73.12-759KL

First Named Inventor : JinQuan Xu

Title : MULTI-LOBED COOLING HOLE AND METHOD OF MANUFACTURE

WHEREAS, I, JinQuan Xu, of Groton, CT, U.S.A.; Mark F. Zelesky, of Bolton, CT, U.S.A.; Atul Kohli, of Tolland, CT U.S.A.; and Matthew S. Gleiner, of Vernon, CT, U.S.A., have invented certain new and useful improvements as described in an application entitled MULTI-LOBED COOLING HOLE AND METHOD OF MANUFACTURE 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, CT 06101 US, ("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.

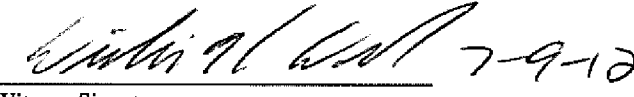
I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained.

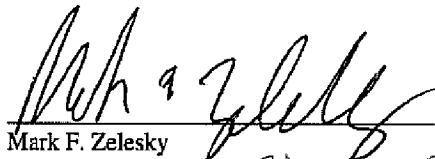
I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

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.

  
JinQuan Xu

7/9/12  
Date

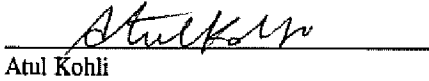
  
Witness Signature  
William H. Webb  
Witness Printed Name



Mark F. Zelesky

7-6-2012  
Date

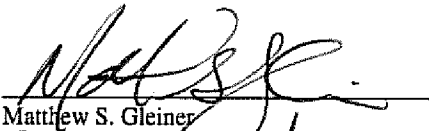
Witness Signature

EDWARD PIETRASZKIEWICZ  
Witness Printed Name

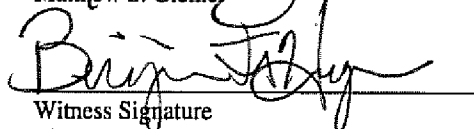
Atul Kohli

7/9/12  
Date

Witness Signature

Craig W. Peters  
Witness Printed Name7/9/2012  
Date

Matthew S. Gleiner



Witness Signature

Benjamin F. Hagan  
Witness Printed Name