

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3751304

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LEE E. BOULDIN	09/13/2013
DENNIS M. MOURA	09/16/2013
JONATHAN J. EASTWOOD	09/16/2013
MONICA PACHECO-TOUGAS	09/13/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	UNITED TECHNOLOGIES CORPORATION
<b>Street Address:</b>	1 FINANCIAL PLAZA
<b>City:</b>	HARTFORD
<b>State/Country:</b>	CONNECTICUT
<b>Postal Code:</b>	06101
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14913770
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(860)606-9818
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	860.470.4700
<b>Email:</b>	uspto@osheagetz.com
<b>Correspondent Name:</b>	O'SHEA GETZ P.C.
<b>Address Line 1:</b>	10 WATERSIDE DRIVE, SUITE 205
<b>Address Line 4:</b>	FARMINGTON, CONNECTICUT 06032
<b>ATTORNEY DOCKET NUMBER:</b>	1213-28665WOUS
<b>NAME OF SUBMITTER:</b>	PATRICK J. O'SHEA
<b>SIGNATURE:</b>	/pjo/
<b>DATE SIGNED:</b>	02/23/2016
<b>Total Attachments: 12</b>	
source=28665assignment#page1.tif	
source=28665assignment#page2.tif	
source=28665assignment#page3.tif	

source=28665assignment#page4.tif  
source=28665assignment#page5.tif  
source=28665assignment#page6.tif  
source=28665assignment#page7.tif  
source=28665assignment#page8.tif  
source=28665assignment#page9.tif  
source=28665assignment#page10.tif  
source=28665assignment#page11.tif  
source=28665assignment#page12.tif

## ASSIGNMENT

THIS INSTRUMENT OF ASSIGNMENT WITNESSETH THAT:

WHEREAS, we, Lee E. Bouldin, resident of ~~210 Pine Street, Apt. 306, Manchester, CT 06040~~ <sup>19 Westward Road, Woodbridge, CT 06525</sup> <sup>ZB</sup>, Dennis M. Moura, resident of 25 Ellsworth Circle, South Windsor, CT 06074, Jonathan J. Eastwood, resident of 361 Robbins Avenue, Newington, CT 06111, and Monica Pacheco-Tougas, resident of 87 Florence Road, Waltham, MA 02453 have invented improvements in

### **ANGLED COMBUSTOR LINER COOLING HOLES THROUGH TRANSVERSE STRUCTURE WITHIN A GAS TURBINE ENGINE COMBUSTOR**

for which we executed an application for United States Letters Patent on even date herewith; and

WHEREAS, United Technologies Corporation, a Delaware corporation, having a place of business at 1 Financial Plaza, Hartford, CT 06101, is desirous of acquiring an interest in said invention, said application and the Letters Patent to be issued therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of ONE DOLLAR to each in hand paid and other good and valuable consideration, the receipt whereof is hereby acknowledged, we have sold, assigned and set over, and do hereby sell, assign and set over to said corporation, its successors or assigns, the entire right, title and interest to and in said invention in the United States and in all countries foreign to the United States, said United States application for Letters Patent therefor and in any non-provisional application that may claim said invention or priority to said application, and any divisional, continuation, and/or continuation-in-part thereof, and the Letters Patent when issued; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue the Letters Patent based upon said application to said corporation as the assignees of our entire right, title and interest to and in the same, for the sole use and behoof of said corporation, its successors or assigns.

And we also hereby covenant and agree to sign all proper papers including divisional and other applications for patents and assignments thereof in the United States and application for patents and assignments in all countries foreign to the United States, and to

execute all rightful oaths and to take any other proper action that may in the judgment of the said corporation be necessary for securing thereto full rights to said invention, all of the foregoing to be at the expense of said corporation.

IN TESTIMONY WHEREOF, I have hereunto set my hand this

13 day of September, 2013.

Lee E. Boulidin  
Lee E. Boulidin

\_\_\_\_\_  
Witness:

IN TESTIMONY WHEREOF, I have hereunto set my hand this

\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
Dennis M. Moura

\_\_\_\_\_  
Witness:

IN TESTIMONY WHEREOF, I have hereunto set my hand this

\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
Jonathan J. Eastwood

\_\_\_\_\_  
Witness:

IN TESTIMONY WHEREOF, I have hereunto set my hand this

\_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
Monica Pacheco-Tougas

\_\_\_\_\_  
Witness:

## ASSIGNMENT

THIS INSTRUMENT OF ASSIGNMENT WITNESSETH THAT:

WHEREAS, we, Lee E. Bouldin, resident of 210 Pine Street, Apt. 306, Manchester, CT 06040, Dennis M. Moura, resident of 25 Ellsworth Circle, South Windsor, CT 06074, Jonathan J. Eastwood, resident of 361 Robbins Avenue, Newington, CT 06111, and Monica Pacheco-Tougas, resident of 87 Florence Road, Waltham, MA 02453 have invented improvements in

### **ANGLED COMBUSTOR LINER COOLING HOLES THROUGH TRANSVERSE STRUCTURE WITHIN A GAS TURBINE ENGINE COMBUSTOR**

for which we executed an application for United States Letters Patent on even date herewith; and

WHEREAS, United Technologies Corporation, a Delaware corporation, having a place of business at 1 Financial Plaza, Hartford, CT 06101, is desirous of acquiring an interest in said invention, said application and the Letters Patent to be issued therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of ONE DOLLAR to each in hand paid and other good and valuable consideration, the receipt whereof is hereby acknowledged, we have sold, assigned and set over, and do hereby sell, assign and set over to said corporation, its successors or assigns, the entire right, title and interest to and in said invention in the United States and in all countries foreign to the United States, said United States application for Letters Patent therefor and in any non-provisional application that may claim said invention or priority to said application, and any divisional, continuation, and/or continuation-in-part thereof, and the Letters Patent when issued; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue the Letters Patent based upon said application to said corporation as the assignees of our entire right, title and interest to and in the same, for the sole use and behoof of said corporation, its successors or assigns.

And we also hereby covenant and agree to sign all proper papers including divisional and other applications for patents and assignments thereof in the United States and application for patents and assignments in all countries foreign to the United States, and to

execute all rightful oaths and to take any other proper action that may in the judgment of the said corporation be necessary for securing thereto full rights to said invention, all of the foregoing to be at the expense of said corporation.

IN TESTIMONY WHEREOF, I have hereunto set my hand this

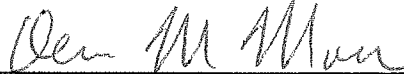
\_\_\_\_\_ day of \_\_\_\_\_, 2013.

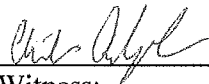
\_\_\_\_\_  
Lee E. Bouldin

\_\_\_\_\_  
Witness:

IN TESTIMONY WHEREOF, I have hereunto set my hand this

16 day of September, 2013.

  
Dennis M. Moura

  
Witness:

IN TESTIMONY WHEREOF, I have hereunto set my hand this

\_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
Jonathan J. Eastwood

\_\_\_\_\_  
Witness:

IN TESTIMONY WHEREOF, I have hereunto set my hand this

\_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
Monica Pacheco-Tougas

\_\_\_\_\_  
Witness:



## **ASSIGNMENT**

THIS INSTRUMENT OF ASSIGNMENT WITNESSETH THAT:

WHEREAS, we, Lee E. Bouldin, resident of 210 Pine Street, Apt. 306, Manchester, CT 06040, Dennis M. Moura, resident of 25 Ellsworth Circle, South Windsor, CT 06074, Jonathan J. Eastwood, resident of 361 Robbins Avenue, Newington, CT 06111, and Monica Pacheco-Tougas, resident of 87 Florence Road, Waltham, MA 02453 have invented improvements in

### **ANGLED COMBUSTOR LINER COOLING HOLES THROUGH TRANSVERSE STRUCTURE WITHIN A GAS TURBINE ENGINE COMBUSTOR**

for which we executed an application for United States Letters Patent on even date herewith; and

WHEREAS, United Technologies Corporation, a Delaware corporation, having a place of business at 1 Financial Plaza, Hartford, CT 06101, is desirous of acquiring an interest in said invention, said application and the Letters Patent to be issued therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of ONE DOLLAR to each in hand paid and other good and valuable consideration, the receipt whereof is hereby acknowledged, we have sold, assigned and set over, and do hereby sell, assign and set over to said corporation, its successors or assigns, the entire right, title and interest to and in said invention in the United States and in all countries foreign to the United States, said United States application for Letters Patent therefor and in any non-provisional application that may claim said invention or priority to said application, and any divisional, continuation, and/or continuation-in-part thereof, and the Letters Patent when issued; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue the Letters Patent based upon said application to said corporation as the assignees of our entire right, title and interest to and in the same, for the sole use and behoof of said corporation, its successors or assigns.

And we also hereby covenant and agree to sign all proper papers including divisional and other applications for patents and assignments thereof in the United States and application for patents and assignments in all countries foreign to the United States, and to

execute all rightful oaths and to take any other proper action that may in the judgment of the said corporation be necessary for securing thereto full rights to said invention, all of the foregoing to be at the expense of said corporation.

IN TESTIMONY WHEREOF, I have hereunto set my hand this

\_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
Lee E. Bouldin

\_\_\_\_\_  
Witness:

IN TESTIMONY WHEREOF, I have hereunto set my hand this

\_\_\_\_\_ day of \_\_\_\_\_, 2013.

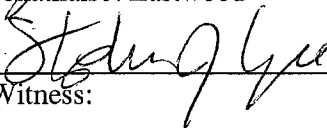
\_\_\_\_\_  
Dennis M. Moura

\_\_\_\_\_  
Witness:

IN TESTIMONY WHEREOF, I have hereunto set my hand this

16 day of September, 2013.

  
\_\_\_\_\_  
Jonathan J. Eastwood

  
\_\_\_\_\_  
Witness:

IN TESTIMONY WHEREOF, I have hereunto set my hand this

\_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
Monica Pacheco-Tougas

\_\_\_\_\_  
Witness:

## **ASSIGNMENT**

THIS INSTRUMENT OF ASSIGNMENT WITNESSETH THAT:

WHEREAS, we, Lee E. Bouldin, resident of 210 Pine Street, Apt. 306, Manchester, CT 06040, Dennis M. Moura, resident of 25 Ellsworth Circle, South Windsor, CT 06074, Jonathan J. Eastwood, resident of 361 Robbins Avenue, Newington, CT 06111, and Monica Pacheco-Tougas, resident of 87 Florence Road, Waltham, MA 02453 have invented improvements in

### **ANGLED COMBUSTOR LINER COOLING HOLES THROUGH TRANSVERSE STRUCTURE WITHIN A GAS TURBINE ENGINE COMBUSTOR**

for which we executed an application for United States Letters Patent on even date herewith; and

WHEREAS, United Technologies Corporation, a Delaware corporation, having a place of business at 1 Financial Plaza, Hartford, CT 06101, is desirous of acquiring an interest in said invention, said application and the Letters Patent to be issued therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of ONE DOLLAR to each in hand paid and other good and valuable consideration, the receipt whereof is hereby acknowledged, we have sold, assigned and set over, and do hereby sell, assign and set over to said corporation, its successors or assigns, the entire right, title and interest to and in said invention in the United States and in all countries foreign to the United States, said United States application for Letters Patent therefor and in any non-provisional application that may claim said invention or priority to said application, and any divisional, continuation, and/or continuation-in-part thereof, and the Letters Patent when issued; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue the Letters Patent based upon said application to said corporation as the assignees of our entire right, title and interest to and in the same, for the sole use and behoof of said corporation, its successors or assigns.

And we also hereby covenant and agree to sign all proper papers including divisional and other applications for patents and assignments thereof in the United States and application for patents and assignments in all countries foreign to the United States, and to

execute all rightful oaths and to take any other proper action that may in the judgment of the said corporation be necessary for securing thereto full rights to said invention, all of the foregoing to be at the expense of said corporation.

IN TESTIMONY WHEREOF, I have hereunto set my hand this

\_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
Lee E. Bouldin

\_\_\_\_\_  
Witness:

IN TESTIMONY WHEREOF, I have hereunto set my hand this

\_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
Dennis M. Moura

\_\_\_\_\_  
Witness:

IN TESTIMONY WHEREOF, I have hereunto set my hand this

\_\_\_\_\_ day of \_\_\_\_\_, 2013.

\_\_\_\_\_  
Jonathan J. Eastwood

\_\_\_\_\_  
Witness:

IN TESTIMONY WHEREOF, I have hereunto set my hand this

13 day of September, 2013.

Monica Pacheco Tougas  
Monica Pacheco-Tougas

\_\_\_\_\_  
Witness: