

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

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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>JULIA HELEN BUCKLAND</td> <td>10/01/2013</td> </tr> <tr> <td>AMEY Y. KARNIK</td> <td>02/18/2013</td> </tr> <tr> <td>JEFFREY ALLEN DOERING</td> <td>09/30/2013</td> </tr> <tr> <td>BRAD ALAN BOYER</td> <td>08/09/2013</td> </tr> </tbody> </table>		Name	Execution Date	JULIA HELEN BUCKLAND	10/01/2013	AMEY Y. KARNIK	02/18/2013	JEFFREY ALLEN DOERING	09/30/2013	BRAD ALAN BOYER	08/09/2013
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RECEIVING PARTY DATA											
Name:	FORD GLOBAL TECHNOLOGIES, LLC										
Street Address:	FAIRLANE PLAZA SOUTH, SUITE 800										
Internal Address:	330 TOWN CENTER DRIVE										
City:	DEARBORN										
State/Country:	MICHIGAN										
Postal Code:	48126										
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>14053546</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14053546						
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Application Number:	14053546										
CORRESPONDENCE DATA											
Fax Number:	(503)459-4142										
Phone:	503-459-4141										
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
Correspondent Name:	ALLEMAN HALL MCCOY RUSSELL & TUTTLE, LLP										
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ATTORNEY DOCKET NUMBER:	83343392										
NAME OF SUBMITTER:	MAXFIELD FULTON										

Signature:	/Maxfield Fulton/
Date:	10/15/2013
Total Attachments: 4 source=Executed Assignment 83343392#page1.tif source=Executed Assignment 83343392#page2.tif source=Executed Assignment 83343392#page3.tif source=Executed Assignment 83343392#page4.tif	

Please direct all correspondence to customer number: 36865

Attorney Docket Number 83343392

**ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)**

**Title of Invention**      **METHOD AND SYSTEM FOR BINARY FLOW TURBINE CONTROL**

This declaration is directed to:

- The attached application, or  
 United States application or PCT international application number \_\_\_\_\_ filed on \_\_\_\_\_

The above-identified application was made or authorized to be made by me.

I hereby state that I have reviewed and understand the contents of the specification in the above-identified application, including the claims.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I am aware of the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto FORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws of the State of Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No. 14/053,546, Filing Date October 14, 2013), and I hereby sell, assign and set over to the ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.

And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein sold, assigned and set over.

And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both.

**LEGAL NAME OF INVENTOR**

Inventor: Julia Helen Buckland Date: 10/1/13

Signature: 

Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional declaration form for each additional inventor.

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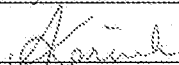
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LEGAL NAME OF INVENTOR

Inventor: Amey Y Karnik

Date: 10/16/2013

Signature: 

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LEGAL NAME OF INVENTOR

Inventor: Jeffrey Allen Doering Date: 30 SEPT 2013

Signature: 

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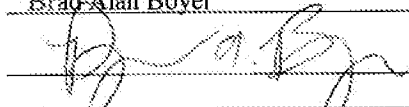
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LEGAL NAME OF INVENTOR

Inventor: Brad Alan Boyer

Date: 8/9/2013

Signature: 

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PATENT

RECORDED: 10/15/2013

REEL: 031406 FRAME: 0012