503374258 06/30/2015

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------|----------------|
| AED M. DUDAR | 06/16/2015 |

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14788244 |

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|-------------------------|-----------------|
| NAME OF SUBMITTER: | JIBEK ENABNIT |
| SIGNATURE: | /Jibek Enabnit/ |
| DATE SIGNED: | 06/30/2015 |

Total Attachments: 1

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PATENT 503374258 REEL: 035942 FRAME: 0590

Please direct all correspondence to customer number: 36865

| Attorney Docket Number | 83547125 |
|------------------------|----------|

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

ENGINE COOLING FAN OPERATION DITRING HOT SOAK

| 4 2456 GS 8551 WA | |
|---|---|
| This declaration | t is directed to: |
| | The attached application, or United States application or PCT international application number filed on |
| The above-iden | tified application was made or authorized to be made by me. |
| I hereby state including the of | that I have reviewed and understand the contents of the specification in the above-identified application, aims. |
| I believe that I | am the original inventor or an original joint inventor of a claimed invention in the application. |
| continuation-in | he duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for part applications, material information which became available between the filing date of the prior the national or PCT international filing date of the continuation-in-part application. |
| of the State of hereinafter refeinterest, domes of the ASSIGN for the invention name or names insert the series 14/788, ASSIGNEE, it applications, in including all | employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto LTECHNOLOGIES, LLC, a Ford Motor Company subsidiary, organized and existing by virtue of the laws Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, ared to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and tic and foreign, in and to the inventions and discoveries in the above-identified invention including the right IEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent are and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to al/application number and filing date of the application to receive Letters Patent herein: Serial No. 244, Filing DateJune30,2015), and I hereby sell, assign and set over to the assuccessors, assigns or other legal representatives, all rights of priority, including any provisional and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, and reissue applications. |
| including appli organizations, | agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, cations for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives assary to secure thereto the rights herein sold, assigned and set over. |
| And I hereby re | present and warrant that I have not granted any rights inconsistent with the rights granted herein. |
| | wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine at of not more than five (5) years or both. |
| | OF INVENTOR |
| | Aed M Dudar Date: |
| Signature: _ | |
| Nicetae An Sans | cation Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. |
| | declaration form for each additional inventor. |

PATENT REEL: 035942 FRAME: 0591

RECORDED: 06/30/2015

Title of Invention