

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignee's name previously recorded on Reel 029383 Frame 0720. Assignor(s) hereby confirms the Assignment.										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Avdhut S. JOSHI</td> <td>10/03/2012</td> </tr> <tr> <td>Michael R. JAMES</td> <td>10/02/2012</td> </tr> <tr> <td>Michael E. SAMPLES</td> <td>10/08/2012</td> </tr> </tbody> </table>		Name	Execution Date	Avdhut S. JOSHI	10/03/2012	Michael R. JAMES	10/02/2012	Michael E. SAMPLES	10/08/2012		
Name	Execution Date										
Avdhut S. JOSHI	10/03/2012										
Michael R. JAMES	10/02/2012										
Michael E. SAMPLES	10/08/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Toyota Motor Engineering &amp; Manufacturing North America</td> </tr> <tr> <td>Street Address:</td> <td>25 Atlantic Avenue</td> </tr> <tr> <td>City:</td> <td>Erlanger</td> </tr> <tr> <td>State/Country:</td> <td>KENTUCKY</td> </tr> <tr> <td>Postal Code:</td> <td>41018</td> </tr> </table>		Name:	Toyota Motor Engineering & Manufacturing North America	Street Address:	25 Atlantic Avenue	City:	Erlanger	State/Country:	KENTUCKY	Postal Code:	41018
Name:	Toyota Motor Engineering & Manufacturing North America										
Street Address:	25 Atlantic Avenue										
City:	Erlanger										
State/Country:	KENTUCKY										
Postal Code:	41018										
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>13556802</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13556802						
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Application Number:	13556802										
CORRESPONDENCE DATA											
<p>Fax Number: 7034132220  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (703) 413-3000        Email: araza@oblon.com        Correspondent Name: Oblon, Spivak, et al.        Address Line 1: 1940 Duke Street        Address Line 4: Alexandria, VIRGINIA 22314</p>											
ATTORNEY DOCKET NUMBER:	401360US71										
NAME OF SUBMITTER:	Amna Raza										
<p>Total Attachments: 4        source=401360USCorrected #page1.tif        source=401360USCorrected #page2.tif        source=401360USCorrected #page3.tif        source=401360USCorrected #page4.tif</p>											

OP \$40.00 13556802

<b>PATENT ASSIGNMENT</b>
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Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the 3rd Assignor's execution date previously recorded on Reel 029099 Frame 0037. Assignor(s) hereby confirms the Assignment.								
<b>CONVEYING PARTY DATA</b>									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Avdhut S. JOSHI</td> <td>10/03/2012</td> </tr> <tr> <td>Michael R. JAMES</td> <td>10/02/2012</td> </tr> <tr> <td>Michael E. SAMPLES</td> <td>10/08/2012</td> </tr> </tbody> </table>		Name	Execution Date	Avdhut S. JOSHI	10/03/2012	Michael R. JAMES	10/02/2012	Michael E. SAMPLES	10/08/2012
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Avdhut S. JOSHI	10/03/2012								
Michael R. JAMES	10/02/2012								
Michael E. SAMPLES	10/08/2012								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	TOYOTA MOTOR ENGINEERING & MANUFACTURING NORTH AMERICA (TEMA)								
<b>Street Address:</b>	25 Atlantic Avenue								
<b>City:</b>	Erlanger								
<b>State/Country:</b>	KENTUCKY								
<b>Postal Code:</b>	41018								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td><b>Application Number:</b></td> <td>13556802</td> </tr> </tbody> </table>		Property Type	Number	<b>Application Number:</b>	13556802				
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<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	7034132220								
<b>Phone:</b>	(703) 413-3000								
<b>Email:</b>	araza@oblon.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
<b>Correspondent Name:</b>	Oblon, Spivak, et al.								
<b>Address Line 1:</b>	1940 Duke Street								

PATENT

REEL: 029561 FRAME: 0330

1/2/2013

Address Line 4: Alexandria, VIRGINIA 22314	
ATTORNEY DOCKET NUMBER:	401360US71
NAME OF SUBMITTER:	Amna Raza
Signature:	/Amna Raza/
Date:	11/30/2012
<b>Total Attachments: 4</b> source=401360USCorrected #page1.tif source=401360USCorrected #page2.tif source=401360USCorrected #page3.tif source=401360USCorrected #page4.tif	
<b>RECEIPT INFORMATION</b>	
EPAS ID:	PAT2184813
Receipt Date:	11/30/2012
Fee Amount:	\$40



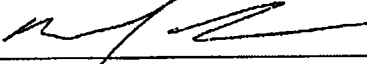
Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 10/03/2012

  
\_\_\_\_\_  
(Signature of Inventor) Avdhut S. JOSHI

Date: 10/02/2012

  
\_\_\_\_\_  
(Signature of Inventor) Michael R. JAMES

Date: 10/8/12

  
\_\_\_\_\_  
(Signature of Inventor) Michael E. SAMPLES

**OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.**  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314

07/09

Wednesday, October 03, 2012

ajos

RECORDED: 01/02/2013

**PATENT**  
REEL: 029561 FRAME: 0333