

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Yun Xiao	05/28/2009
<b>RECEIVING PARTY DATA</b>	
Name:	GM GLOBAL TECHNOLOGY OPERATIONS, INC.
Street Address:	P.O. BOX 300
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State/Country:	MICHIGAN
Postal Code:	48265-3000
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12480971
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NAME OF SUBMITTER:	Michael D. Wiggins
Total Attachments: 1 source=ASSIGNMENT P004778#page1.tif	

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**PATENT**  
**REEL: 022799 FRAME: 0508**

**ASSIGNMENT**

Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS, INC., the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P004778-PTE-CD entitled

**CONTROL SYSTEM AND METHOD FOR TRANSITIONING BETWEEN POSITION  
CONTROL AND FORCE CONTROL FOR MULTI-STATE TURBO ENGINE TURBINE  
BYPASS VALVE**

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize any patent practitioner associated with Customer Number 74175 to insert the application number and filing date of said application here in parentheses (12/480971 filed June 9, 2009) when known.

If the patent application has been filed provisionally, the application number and filing date of said provisional application(s) assigned herein are as follows:

US Provisional Serial No	Filed
61/084816	30-JUL-2008

Inventor's signature	<u>Yun Xiao</u>	Date	<u>May 28, 2009</u>
Full name :	YUN XIAO	Declaration dated :	
Residence :	ANN ARBOR, MICHIGAN		<u>May 28, 2009</u>

**PATENT**