

Customer No. 00286

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**General Motors Corporation**  
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April 12, 2006

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Enclosed for recording is Assignment documentation for the following patent application:

Serial No. 11/367045 filed March 02, 2006

Attorney Docket No. GP-306467

(1) Assignor/Inventors: TANG-WEI KUO  
ZONGXUAN SUN  
JUN-MO KANG  
JAMES A. ENG  
CHEN-FANG CHANG  
BARRY L. BROWN  
PAUL M. NAJT  
MAN-FENG CHANG

(2) Assignee: GM GLOBAL TECHNOLOGY OPERATIONS, INC.  
DETROIT, MI

(3) Assignment of patent application

(4) Application number: 11/367045  
If blank, this documentation is filed together with the patent application.

(5) Address correspondence to: KATHRYN A MARRA  
General Motors Corporation  
Legal Staff  
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Detroit, MI 48265-3000

(6) Number of applications: 1  
Total Fee: 40.00

(7) Date documentation executed: March 6, 2006

(8) Not applicable

(9) To the best of my knowledge and belief, the information contained on this cover sheet is true and correct and any copy submitted is a true copy of the original document.

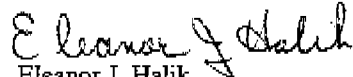
Title: METHOD FOR TRANSITION BETWEEN CONTROLLED AUTO-IGNITION AND SPARK  
IGNITION MODES IN DIRECT FUEL INJECTION ENGINES

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Customer No. 00286

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Eleanor J. Halik  
313/665-4712

Total number of pages including cover sheet, attachments and document: 4

Enclosures

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## ASSIGNMENT

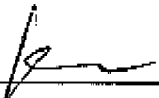
Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS, INC., the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application GP-306467 entitled

METHOD FOR TRANSITION BETWEEN CONTROLLED AUTO-IGNITION AND SPARK  
IGNITION MODES IN DIRECT FUEL INJECTION ENGINES

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney KATHRYN A MARRA to insert the application number and filing date of said application here in parentheses (11/367,045 filed 03/02/2006) 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. 60/658294 filed 03-MAR-05

Inventor's signature  Date Mar. 6, 2006

Full name : TANG-WEI KUO

Declaration dated :

Residence : TROY, MICHIGAN

Mar. 6, 2006

Inventor's signature



Date March 6, 2006

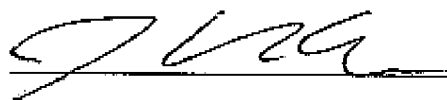
Full name : ZONGXUAN SUN

Declaration dated :

Residence : TROY, MICHIGAN

March 6, 2006

Inventor's signature



Date March 6, 2006

Full name : JUN-MO KANG

Declaration dated :

Residence : ANN ARBOR, MICHIGAN

March 6, 2006

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Inventor's signature James A Eng Date 6 March 2006  
Full name : JAMES A. ENG Declaration dated :  
Residence : TROY, MICHIGAN 6 March 2006

Inventor's signature Chen Fang Chang Date Mar 6, 2006  
Full name : CHEN-FANG CHANG Declaration dated :  
Residence : TROY, MICHIGAN Mar 6, 2006

Inventor's signature Barry L. Brown Date MARCH 6, 2006  
Full name : BARRY L. BROWN Declaration dated :  
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Inventor's signature Paul M. Najt Date 6 March 2006  
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Residence : BLOOMFIELD HILLS, MICHIGAN 6 March 2006

Inventor's signature Man-Feng Chang Date March 6, 2006  
Full name : MAN-FENG CHANG Declaration dated :  
Residence : TROY, MICHIGAN March 6, 2006