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Box Assignments
Assistant Commissioner for Patents

Washington, D.C. 20231

General Motors Corporation Legal Staff

P.O. Box 33114 Detroit, MI 48232

05-NOV-99





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

Attorney Docket No H-202562

(1) Assignor/Inventors: JOHN E. KIRWAN

SCOTT WILLIS JORGENSEN FREDERIC ANTON MATEKUNAS

CHEN-FANG CHANG

(2) Assignee: GENERAL MOTORS CORPORATION

DETROIT, MICHIGAN

09/437072

- (3) Assignment of patent application
- (4) Application number:

  If blank, this documentation is filed together with the patent application.

(5) Address correspondence to: GEORGE A. GROVE

General Motors Corporation

Legal Staff P.O. Box 33114 Detroit, MI 48232

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

(7) Date documentation executed: Oct. 26 and 27, 1999; Nov. 1, 1999

(8) Not applicable

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

Title: ENGINE FUEL INJECTION CONTROL METHOD WITH FUEL PUDDLE MODELING

Please charge the \$40.00 assignment recording fee to GENERAL MOTORS CORPORATION Deposit Account No. 07-0960

12/08/1999 DMGUYEN 00000019 070960 094:7076

0: FC:581 (40.00 CH)

GEORGE A. GROVE

313/974-1322

Total number of pages including cover sheet, attachments and document: \_\_\_4\_\_\_\_

**Enclosures** 

## **ASSIGNMENT**

Pursuant to an agreement with my employer, I formally assign to GENERAL MOTORS CORPORATION, the entire right, title and interest, in all countries, in the improvements set forth in the United States patent application H-202562 entitled

## ENGINE FUEL INJECTION CONTROL METHOD WITH FUEL PUDDLE MODELING

filed, I authorize atto	a declaration dated as indicated below. If the state of the second secon	olication number and filing date
Inventor's signature	John E Kimian	Date 10 27 99
Full name:	JOHN E. KIRWAN	Declaration dated:
Residence:	TROY, MI	10/27/99
Inventor's signature	- at Willi Joyan	Date 10/27/44
Full name:	SCOTT WILLIS JORGENSEN	Declaration dated:
Residence:	BLOOMFIELD TOWNSHIP, OAKLAND COUNTY, MI	10/27/99
Inventor's signature	Juden Unton Haliku	Date 11/01/97
Full name:	FREDERIC ANTON MATEKUNAS	Declaration dated:
Residence:	TROY, MI	11/0/99
Inventor's signature	Chem my Chang	Date 10/20, 199
Full name:	CHEN-FANG CHANG	Declaration dated:
Residence:	TROY, MI	10/26/199

On this 27 day of October  JOHN E. KIRWAN, known to me to be the	, 1999, before me pe	ersonally appeared
acknowledged that he/she executed the same		oregoing instrument, and
(SEAL)	Notary Public My commission expires: County of Authorization:	No allowed to the second transfer of the seco
On this 27 day of Settler SCOTT WILLIS JORGENSEN, known to instrument, and acknowledged that he/she experiences are supplied to the settler of the settler o	me to be the person who ex-	
(SEAL)	Notary Public My commission expires: County of Authorization:	CAPOLE SUNO
On this day of	wn to me to be the person w	ersonally appeared who executed the foregoing
(SEAL)	Notary Public My commission expires: County of Authorization:	CAROL E. SIINO Notary Public - Michigan Macromb Councy Try Commission Expires Jun 21, 0.0

On this _	day <u>ما 2</u>	of october	, 1999, before me persona ly appeared CHEN
		n to me to be the persone executed the same.	in who executed the foregoing instrument, and
			Carol E. Siino
		<u> </u>	Notary Public
(SEAL)			Ay commission expires:
			County of Authorization:
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			CARCILE, SIINO Smort Public - Michigan Stationals Chunty of Austra Scarces Jun 25, 2002
		J	1.15 Proteins and Commission of the Commission o

## **ASSIGNMENT**

Pursuant to an agreement with my employer, I formally assign to GENERAL MOTORS CORPORATION, the entire right, title and interest, in all countries, in the improvements set forth in the United States patent application H-202562 entitled

## ENGINE FUEL INJECTION CONTROL METHOD WITH FUEL PUDDLE MODELING

filed, I authorize atto	a declaration dated as indicated below. If the rney GEORGE A. GROVE to insert the appeare in parentheses (	olication number and filing date
от отта приточного го		
Inventor's signature	John E Kuwan	Date 10 7.7 99
Full name:	<i>U</i> JOHN E. KIRWAN	Declaration dated:
Residence:	TROY, MI	10/27/99
Inventor's signature	A at Willi Joyun	Date 10/2? 199
Full name:	SCOTT WILLIS JORGENSEN	Declaration dated:
Residence:	BI OOMFIELD TOWNSHIP, OAKLAND COUNTY, MI	10/27/99
	-1 0 3// 1	
Inventor's signature	Juden Inton Walker	Date 11/01/99
Full name:	FREDERIC ANTON MATEKUNAS	Declaration dated:
Residence:	TROY, MI	11/01/99
Inventor's signature	Chemay Chang	Date 10/26/99
Full name:	CHEN-FANG CHANG	Declaration dated:
Residence:	TROY, MI	10/26/199

On this <u>27</u> day of <u>9</u> day of JOHN E. KIRWAN, known to me to be the packnowledged that he/she executed the same	person who executed the for	
(SEAL)	Notary Public My commission expires: County of Authorization:	CAROL E. SIINO  No tary Public - Michigan  Macomb County  My Cort mission Expires Jun 25, 2002
On this day of SCOTT WILLIS JORGENSEN, known to n instrument, and acknowledged that he/she ex	ne to be the person who exec	- <del></del>
(SEAL)	Notary Public My commission expires: County of Authorization:	CAROL E. SIINO Notary Public - Michigan Macomb County My Cornmission Expires Jun 25, 2002
On this day of	n to me to be the person when	sonally appeared o executed the foregoing
(SEAL)	Notary Public My commission expires: County of Authorization:	CAROL E. SIINO Notary Public - Michigan Macomb County My Commission Expires Jun 25, 2002

FANG CHANG, know		, 1999, before me personally appeared CHEN n who executed the foregoing instrument, and
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	_	Carol E. Siino
	N	otary Public
(SEAL)	N	ly commission expires:
		ounty of Authorization:
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	M	CAROL E. SIINO  Natary Public - Michigan  Macomb County y Commission Expires Jun 25, 2002

**RECORDED: 11/09/1999**