Form PTO-1595 R 06 - 1	6-2003 U. S. Dept. of Commerce	
	Patent and Trademark Office	
OMB No. 0651-001 July 1 9 July 2 To he Ho To		
1. Name of Conveying Party(ies):	Name and address of receiving party(ies)	
Jason Paul Frankl, Alan Chow, Vidya Shankar Somasundaram, and Edward Thomas Williams	Name: Delphi Technologies, Inc.	
6.903	Internal Address: Legal Staff, P.O. Box 5052	
Additional name(s) of conveying party(ies) attached? Yes _X_No	Mail Code 4890-410-202	
3. Nature of conveyance:	Street Address:	
X Assignment Merger	City: <u>Troy</u> State: <u>MI</u> Zip: 48007-5052	
Security Agt. Change of Name Other	Additional name(s) & address(es) attached:Yes _XNo	
Execution Date: May 16, 2003 4. Application number(s) or patent number(s):		
If this document is being filed together with a new application, the execution date is: A. Patent Application No.(s) B. Patent No(s). 10/388,248		
Additional numbers attached: Yes No		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total no. of applications and patents involved1	
Name: James R. Yee, Reg. No. 34,460	7. Total fee (37 CFR 3.41)\$ 40.00	
Internal Address: Howard and Howard Attorneys	X Enclosed Authorized to be charged to deposit account	
Street Address: 39400 Woodward Avenue, Suite 101	8. Deposit account number: 08-2789	
	(Attach duplicate copy of this page if paying by deposit account)	
City: Bloomfield Hills State: MI Zip: 48304		
DO NOT USE THIS SPACE		
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.		
James R. Yee Name of Person Signing Signature	June 4 , 2003 Date	
Total number of pages including cover sheet, attachments and document:		

PATENT REEL: 014159 FRAME: 0183

ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to DELPHI TECHNOLOGIES INC., the entire right, title and interest, in all countries, in the improvements set forth in the United States patent application Attorney Docket No. DP-306873, entitled

CONTROLLER AND CONTROL METHOD FOR INJECTION USING FUNCTION MAP

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney THOMAS N. TWOMEY or JAMES R. YEE to insert the application number and filing date of said application here in parentheses (10/388, 248 filed MARCH 13, 2003) when known.

Inventor's	Signature
Evill manage	

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Full name: Residence:

6.1. Ville **Edward Thomas Williams**

Flat B, 1 Highgate West Hill

London N6 6JS United Kingdom Date 16th May 2003
Declaration dated: 12/5/03

Date $\frac{20}{0.5} \frac{\sqrt{0.5}}{0.5}$ Declaration dated: $\frac{\sqrt{0.5}}{0.5}$

Date 16/05/03
Declaration dated: 12/05/03

Date 16th May 2007
Declaration dated: 12 May 2007

PATENT RECORDED: 06/09/2003 REEL: 014159 FRAME: 0184