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FORM PTO-1619A Expires 08/30/99 OMB 0851-0027		11-22-2	2002	U.S. 6 Pater	Department of Commerce and Trademerk Office	
Docket No. 202-0	0430				8. P. T. P. T. C. P.	
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10/2945	135 RECORD	PATENTS ON	1 1	-14-0	2 2	
TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(les), U						
Submission Type	f	Conveyance Ty	· <del></del> _			
	_	X Assignment	Security A	greement		
Document ID#	Non-Recordation)	License	Change of	Name		
Correction of PT	O Error Frame #	Merger	Other			
Corrective Docu	ment	(For U	<i>U,S. GOVERNM</i> se ONLY by U.S. Govern	ment Agencie		
Reel #	Frame #	De	partmental File	Sec	ret File	
Conveying Party(	ies)	Mark if additional	names of conveying	parties attacl	ned Execution Date Month Day Year	
Name (line 1) Ford	Motor Company				11-13-02	
Name (time 2) A De	elaware Corporation				#	
Second Party					Execution Date Month Day Year	
Name (line 1)						
Name (line 2)						
Receiving Party		N	lark if additional name	s of receivin	g parties attached	
Name (line 1) Ford	1) Ford Global Technologies, Inc.    Widecument to be recorded is an assignment and the					
Name (line 2) A Mi	A Michigan Corporation receiving party is not domiciled in the United States, an appointment					
Address (ine 1) Suit	- COO				of a domestic representative is attached.	
	Suite 600 - Parklane Towers East (Designation must be a separate document from					
Address (line 2) One	Parklane Boulevard				Assignment.)	
Address (line 3) Dear	born,	MI - USA	48	1.26 Zio Code		
Domestic Represe	entative Name and Ad	State Country ddress Enter	for the first Receiving		· · · · · · · · · · · · · · · · · · ·	
Name			·			
Address (line 1)						
Address (line 2)						
Address (line 3)				<del></del>		
Address (line 4)						
FOR OFFICE USE ONLY 1/21/2002 TDIAZ1 00000201 061510 10294535						
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Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments , Washington, D.C. 20231

**PATENT** 

REEL: 013501 FRAME: 0892

FORM PTO-1619B Expres 08/30/99 OMB 0851-0027	Page 2	U.S. Department of Commerce Patent and Trademerk Office PATENT
Correspondent Name and Address	Area Code and Telephone Num	ber 313-390-4560
Name Julia Voutyras - 48,019		
Address (ine 1) Ford Global Technolog	ies, Inc.	
Address (me 2) Suite 600 - Parklane	lowers East	
Address (time 3) One Parklane Boulevary	1	
Address (line 4) Dearborn, MI 481	26	
Pages Enter the total number of paincluding any attachments.	ges of the attached conveyance d	ocument # 1
Application Number(s) or Patent Nun		ark If additional numbers attached
Enter either the Patent Application Number or the F Patent Application Number(s)		nbers for the same property). atent Number(s)
If this document is being filed together with a <u>new</u> Pater signed by the first named executing inventor.	nt Application, enter the date the patent app	olication was Month Day Year  11-12-02
Patent Cooperation Treaty (PCT)	PCT PCT	PCT
Enter PCT application number only if a U.S. Application Number		PCT
has not been assigned.	PCIPCI	PCI
Number of Properties  Enter the tot	al number of properties involved.	#
Fee Amount Fee Amount f	or Properties Listed (37 CFR 3.41	<b>3):</b> \$ 40.00
Method of Payment: Enclo Deposit Account	osed Deposit Account X	]
(Enter for payment by deposit account or if addi	itional fees can be charged to the account.) eposit Account Number:	# 06-1510
	uthorization to charge additional fees	
Statement and Signature		
To the best of my knowledge and be attached copy is a true copy of the o indicated herein.		
Maria Leos	Maxia Lean	November 13, 2002
Name of Person Signing	Signature	Date

PATENT REEL: 013501 FRAME: 0893

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## **ASSIGNMENT**

WHEREAS, THE UNDERSIGNED,

has/have invented certain new and useful improvements in:

Attorney Docket No. 202-0430 entitled: METHOD AND SYSTEM FOR PROVIDING SMOOTH MODE TRANSITIONS IN A VARIABLE DISPLACEMENT INTERNAL COMBUSTION ENGINE

for which I/we intend to make application for Letters Patent of the United States listing the following as inventors:

Hsien Pao; and

WHEREAS, FORD MOTOR COMPANY, a corporation organized and existing by virtue of the laws of the State of Delaware, having its principal place of business at Dearborn, County of Wayne, and State of Michigan, is desirous of acquiring an interest therein;

NOVV,	THEREFORE, pursuant to my emp	pioyment agreement neretotor	ne made with Forl
MOTOR COMPA	ANY, or by my contractual obligation,	I do sell, assign and transfer	unto FORD MOTOR
COMPANY the f	ull and exclusive right for the United S	States of America and for all fo	reign countries to the
said invention, a	s described in the specification execu	ited by me on the date listed!	below, preparatory to
obtaining Letters	Patent of the United States therefor	(and I hereby authorize my a	ttomeys to insert the
serial number an	d filing date herein:		
Serial No	, Filing Date	), and	I hereby request the

Commissioner of Patents and Trademarks to issue said Letters Patent to FORD MOTOR COMPANY as the assignee. Executed by:

NAME	SIGNATURE	DATE	
Hsien Chung Pao 49792 Cooke Avenue Plymouth, MI 48170 US	Hair Clay & -	11-12-02	

Voutyras

**RECORDED: 11/14/2002** 

Attorney Docket No: 202-0430 Please call 313-322-7725 if this paper becomes separated from the file.

PATENT REEL: 013501 FRAME: 0894