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FORM PTO- Expires 06/30/99	1619A		1	-11-2002
OM8 06\$1-0027		OFFICE OF THE	10 REC U3	
Docket No	200-1239	2007 FEB ?2]	
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		PATENTS ONL	YUNUR	
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Submission	Type 2 22.02	Conveyance Typ		
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Correctio	n of PTO Error	Merger	Other	
Reel #	e Document	(For Us	U.S. Government ONLY by U.S. Government	Agencies)
Reel #	Frame #	1	partmental File	Secret File
Conveying F	Party(ies)	X Mark if additional	names of conveying partie	s attached Execution Date Month Day Year
Name (line 1)	Zaremba, Alexander T.			4 3 01
Name (line 2)				Execution Date
Second Party				Month Day Year
Name (line 1)	Badreddine, Bader			4 4 01
Name (line 2)				
Receiving P	arty	M	ark if additional names of r	eceiving parties attached
Name (line 1)	Ford Motor Company			If document to be recorded is an assignment and the
Name (line 2)	A Delaware Corporation			receiving party is not domiciled in the United States, an appointment
				of a domestic representative is attached.
Address (line 1)	The American Road			(Designation must be a separate document from
Address (line 2)				Assignment.)
Address (line 3)	Dearborn	MI - USA	48123	
	epresentative Name and A	State/Country	Zip C	
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Name		·		
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FORM PTO- Expense 08/30/99 OMB 0651-0027	-1619B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Corresponde	ent Name and Address	Area Code and Telephone Num	ber 313-206-2677
Name (ennifer M. Stec - 35,379		
Address (line 1)	Ford Global Technologic	es, Inc.	
Address (line 2)	Suite 600 - Parklane T	owers Bast	
Address (line 3)	One Parklane Boulevard		
Address (line 4)	Dearborn, MI 4812	6	
Pages	Enter the total number of pagincluding any attachments.	jes of the attached conveyance d	ocument # 3
	Number(s) or Patent Num		ark if additional numbers attached
09/967,118	ent Application Number(s)	stent Number (DO NOT ENTER BOTH num P	atent Number(s)
Ente only has	eration Treaty (PCT) r PCT application number if a U.S. Application Number not been assigned.	PCT PCT PCT PCT	PCT PCT
Number of P	Enter the tot	al number of properties involved.	#
Fee Amount for Properties Listed (37 CFR 3.41): \$40.00 Method of Payment: Enclosed Deposit Account X Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number: #06-1510			
	A	authorization to charge additional fee	s: Yes X No
To the attache indicat	ed copy is a true copy of the o ed herein.	ilef, the foregoing information is riginal document. Charges to de	February 6, 2002
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RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

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Name (line 2)		Execution Date Month Day Year	
Name (line 1)			
Name (line 2)			
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Enter additional R	Receiving Party(ies)		
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Address (line 1)		of a domestic representative is attached. (Designation must be a separate	
Address (line 2)		document from Assignment.)	
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Name (line 1)		document to be recorded s an assignment and the	
Name (line 2)		eceiving party is not lomiciled in the United Itales, an appointment of a	
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Address (line 2)		Ne # separate document from \ssignment.)	
Address (line 3)	City State/Country Zip Code		
Application Number(s) or Patent Number(s) Mark if additional numbers attached			
	Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same	e property).	
	tent Application Number(s) Patent Number	· -	
	Application (diffuse)		
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PATENT

REEL: 012639 FRAME: 0772

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT

WHEREAS, THE UNDERSIGNED,

has/have invented certain new and useful improvements in:

Attorney Docket No. 200-1239 entitled: ADAPTIVE PID CONTROL METHOD AND SYSTEM FOR INTERNAL COMBUSTION ENGINE ROTATION SPEED PULSATION DAMPING

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

Jing Sun

Bader Badreddine Alexander Zaremba

Feng Lin; 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;

COMPANY, or by my contractual obligation, I do sell, assign and transfer unto FORD MOTOR COMPANY the full and exclusive right for the United States of America and for all foreign countries to the said invention, as

NOW, THEREFORE, pursuant to my employment agreement heretofore made with FORD MOTOR

described in the specification executed by me on the of the United States therefor (and I hereby authoriz herein:		
Serial No. , Filing Date), and I hereby request the	e Commissioner of
Serial No, Filing Date Patents and Trademarks to issue said Letters P	atent to FORD MOTOR COMPANY	as the assignee.
Executed by:		_
NAME	SIGNATURE	DATE
Feng Lin 346 Ivy Lane Troy, MI 48098 US Alexander T Zaremba 20840 Crestmont Lane Dearborn Heights, MI 48127 US Bader Badreddine 5844 Oakman Blvd Dearborn, MI 48126 US Jing Sun 1729 Golf Ridge Dr. South Bloomfield Township, MI 48302 US	Stanns	04/03/01
Bloomfield Township, MI 48302 US		

Stec

Attorney Docket No: 200-1239 Please call 313-322-7762 if this paper becomes separated from the file.

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Bader Badreddine

Alexander Zaremba

Feng Lin; and

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NOW, THEREFORE, pursuant to my employment agreement heretofore made with FORD MOTOR

COMPANY, or by my contractual obligation, I do sell, full and exclusive right for the United States of Amer described in the specification executed by me on the of the United States therefor (and I hereby authorize herein: Serial No	rica and for all foreign countries to the state listed below, preparatory to obtain my attorneys to insert the serial number.	said invention, as ing Letters Patent per and filing date
NAME	SIGNATURE	DATE
Feng Lin 346 Ivy Lane Troy, MI 48098 US Alexander T Zaremba 20840 Crestmont Lane Dearborn Heights, MI 48127 US		
Bader Badreddine 5844 Oakman Blvd Dearborn, MI 48126 US	R	04/04/01
Jing Sun 1729 Golf Ridge Dr. South Bloomfield Township, MI 48302 US		

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NOW, THEREFORE, pursuant to my employment agreement heretofore made with FORD

MOTOR COMPANY, or by my contractual COMPANY the full and exclusive right for t said invention, as described in the specific obtaining Letters Patent of the United Stateserial number and filing date herein: Serial No	he United States of America and for ation executed by me on the date I es therefor (and I hereby authorize	all foreign countries to the isted below, preparatory to my attorneys to insert the
NAME	SIGNATURE	DATE
Feng Lin 346 Ivy Lane Troy, MI 48098 US Alexander T Zaremba 20840 Crestmont Lane Dearborn Heights, MI 48127 US		
Bader Badreddine 5844 Oakman Blvd Dearborn, MI 48126 US		_
Jing Sun 1729 Golf Ridge Dr. South Bloomfield Township, MI 48302 US	THE	4/5/01

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RECORDED: 02/22/2002

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