FORM PTO-1619A Expres 06/30/99 OMB 0651-0027

04/26, 01 FC Docket No. 199-0668

04-26-2000



101334498

U.S. Department of Commerce Patent and Trademark Office PATENT

4-4.00

RECORDATION FORM COVER SHEET

TO: The Com		PATENTS ONLY					
Submission		s: Please record the attached original Conveyance Type	1 document(s)	or copy(le			
X New	урс		/ Agreement	P TO			
Resubmi Documer	ission (Non-Recordation) nt ID#	License Change	of Name	42784			
Correction Reel #	on of PTO Error Frame #	Merger Other U.S. Govern	ment	615			
Corrective Reel #	ve Document Frame #	(For Use ONLY by U.S. Gov Departmental File	ernment Agencies				
Conveying Party(ies) Mark if additional names of conveying parties attached Execution Date Month Day Year							
Name (line 1)	Kolmanovsky, Ilya Vladimir			2 7 2000			
Name (line 2)							
Second Party				Execution Date Month Day Year			
_	Sun, Jing			2 2 2000			
Name (line 2)							
Receiving P	arty	Mark if additional na	mes of receiving	parties attached			
Name (line 1)	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						
Address (line 1)	The American Boad of a demestic representative is attached.						
Address (line 2)	(Designation must be a separate document from Assignment.)						
Address (line 3)	Dearborn		48121]			
Domestic Re	epresentative Name and Ad	State-Country dress Enter for the first Receiving	Zip Code ng Party only.				
Name							
Address (line 1)							
Address (line 2)							
Address (time 3)							
Address (line 4)							
2000 TTON11 000	000078 061510 09542784 FC	OR OFFICE USE ONLY					
581 40.0	OO CH						

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office. Chief information Difficer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20903. See OMB Information Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND RECUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

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: 010718 FRAME: 0434

FORM PTO-1619B Expres 08/30/99 OMB 0851-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT				
Correspondent Name and Addre	ess Area Code and Telephone Number	1_313_5941145				
Name Allan J. Lippa - 32.25	58					
Address (line 1) Ford Global Techn	ologies, Inc.					
Address #me 2 Suite 600 - Parkl	ane Towers East					
Address (time 3) One Parklane Boul	evard					
Address (ine 4) Dearborn, MI 48126						
Pages Enter the total number including any attachm	of pages of the attached conveyance doc nents.	cument # 2				
Application Number(s) or Patent	• • • • • • • • • • • • • • • • • • • •	k if additional numbers attached				
	or the Patent Number (DO NOT ENTER BOTH number)	tent Number(s)				
Patent Application Number						
Making characters in their a Glad transfer with a man	re Patent Application, enter the date the patent applie	cation was Month Day Year				
signed by the first named executing inventor.	T Lates of historical takes the case are brases about	2 7 2000				
Patent Cooperation Treaty (PCT))					
Enter PCT application numb	per PCT PCT PCT	PCT				
only if a U.S. Application No		PCT				
has not been assigned.						
Number of Properties Enter t	the total number of properties involved.	*				
Fee Amount Fee Am	ount for Properties Listed (37 CFR 3.41):	\$ 40.00				
Method of Payment: Deposit Account	Enclosed Deposit Account X					
(Enter for payment by deposit account or	r if additional fees can be charged to the account.) Deposit Account Number:	# 06-1510				
	Authorization to charge additional fees:	Yes X No				
Statement and Signature						
To the best of my knowledge a	and belief, the foregoing information is tru	e and correct and any				
attached copy is a true copy of	f the original document. Charges to depo	sit account are authorized, as				
indicated herein.						
Maria J. Leos	Maria J Fear	March 20, 2000				
Name of Person Signing	Signature	Date				

PATENT REEL: 010718 FRAME: 0435

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT

WHEREAS, THE UNDERSIGNED,

has/have invented certain new and useful improvements in:

Attorney Docket No. 199-0668 entitled: METHOD AND SYSTEM FOR PURGE CYCLE MANAGEMENT OF A LEAN NOX TRAP

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

Jing Sun

Ilya Kolmanovsky; 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;

MOTOR COMPAN COMPANY the full said invention, as of	THEREFORE, pursuant to my empty, or by my contractual obligation, and exclusive right for the United States therefor the United States therefor the brein:	l do sell, assign and lates of America and ted by me on the dat	transfer unto F0 for all foreign co te listed below, p	ORD MOTOR ountries to the preparatory to
	, Filing Date), and I here	by request the (Commissioner
of Patents and Tra	demarks to issue said Letters Pate	nt to FORD MOTOR	COMPANY as	the assignee.
Executed by:				_
NAME		IGNATURE		DATE
INAME	i z	JUDINA LUME		LIMIE

NAME	SIGNATURE	DATE
Ilya Vladimir Kolmanovsky 4439 Hunt Club Drive, #2C Ypsilanti, MI 48197 US	Wetof	7Feb200
Jing Sun 1729 Golf Ridge Drive South Bloomfield, MI 48302 US		

Russell

Attorney Docket No: 199-0668 Please call 313-322-7762 If this paper becomes separated from the file.

LEB ®#N##A€ ®S FR PT CONTROL SYSTEMS

WHERE SYSTEMS

PER B#N##A€ SYSTEMS



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT

WHEREAS. THE UNDERSIGNED,

has/have invented certain new and useful improvements in:

Attorney Docket No. 199-0668 entitled: METHOD AND SYSTEM FOR PURGE CYCLE MANAGEMENT OF A LEAN NOX TRAP

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

Jing Sun

liya Kolmanovsky; and

as the assignee. Executed by:

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;

NAME

Ilya Vladimir Kolmanovsky
4439 Hunt Club Drive, #2C
Ypsilanti, MI 48197 US

Jing Sun
1729 Golf Ridge Drive South
Bloomfield, MI 48302 US

DATE

DATE

2/2/00

Russell

Attorney Docket No: 199-0668

RECORDED: 04/04/2000

Please call 313-322-7762 if this paper becomes separated from the file.

PATENT PAGE. 07 **

REEL: 010718 FRAME: 0437