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		U.S. Department of Commerce	
10-04-2000		Patent and Trademerk Office PATENT	
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101478573 OPT	ATION FORM COVER SHEET	F	
PATENTS ONLY			
TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).			
Submission Type	Conveyance Type		
X New	X Assignment Security A	greement P	
Resubmission (Non-Recordation) Document ID#	License Change of	.s≔ Name	
Correction of PTO Error	Merger Other		
Reel # Frame # Corrective Document	U.S. Governme	ent (Agencies)	
Reel # Frame #	Departmental File	Secret File	
Conveying Party(ies)	Mark if additional names of conveying p		
Name (line 1) Ford Motor Company	Mark is additional filation of conveying p	arties attached Execution Date Month Day Year 177 2 177	
		4500	
Name (line 2) A Delaware Corporation		Execution Date	
Second Party		Month Day Year	
Marrie (line 1)			
Name (line 2)		<u> </u>	
Receiving Party	Mark if additional names	of receiving parties attached	
Name (line 1) Ford Global Technologie	s, Inc.	If document to be recorded is an assignment and the receiving party is not	
Name (line z) A Michigan Corporation		domiciled in the United States, an appointment	
Address (line 1) Suite 600 - Park lane me		of a domestic representative is attached.	
Address (Mine 1) Suite 600 - Parklane To	Wers East	(Designation must be a	
Address (line 2) One Parklane Boulevard		saparate document from Assignment.)	
Address (ine 3) Dearborn,	MI - USA 481		
Domestic Representative Name and Address Enter for the first Receiving Party only.			
Name			
Address (line 1)			
Address (tine 2)			
Address (line 3)		- <u>-</u>	
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Public burden reporting for this collection of information is estimated to average approximately 36 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. Patient and Tradement, Office, Chief information Officer, Washington, D.C. 2023's and to the Office of Information and Regulatory Affairs, Office of Management and Stadget, Paperson's Reduction Project (9651-0027), Washington, D.C. 2060). See OMB Information Goldection Budget Package 9461-9927, Patent and Tradement Assignment Project, D. 800 REQUESTS 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: 011121 FRAME: 0210

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	Address Area Code and Telephone Number	1-313-5941145	
Name Allan J. Lippa -	32,258		
Address (line 1) Ford Global 1	fechnologies, Inc.		
Address (me 2) Suite 600 - Parklane Towers East			
Address (time 3) One Parklane	Boulevard		
Address (line 4) Dearborn,	ti 48126		
Pages Enter the total number of pages of the attached conveyance document including any attachments.			
Application Number(s) or P	· · ·	k if additional numbers attached	
	unber or the Patent Number (DO NOT ENTER BOTH number	ners for the same property). tent Number(s)	
Patent Application Nu	mber(s)	CAR NUMBER (5)	
	¬		
If this document is being filed together w signed by the first named executing inve	ith a new Patent Application, enter the date the patent application.	cation was Month Day Year	
Patent Cooperation Treaty	PCT PCT	PCT	
Enter PCT application only if a U.S. Applicati	number		
has not been assigne		PCT	
Number of Properties Enter the total number of properties involved. #			
Fee Amount Fe	e Amount for Properties Listed (37 CFR 3.41)	: \$ 40.00	
Method of Payment: Enclosed Deposit Account X Deposit Account			
	count or 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 and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.			
Maria J. Leos	Maria 9. Long	July 25, 2000	
Name of Person Signing	Maria J. Juan Signature	Date	

PATENT REEL: 011121 FRAME: 0211

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT

WHEREAS, Ford Motor Company (Ford), a corporation organized and existing by virtue of the laws of the State of Delaware and having a principal place of business at Dearborn, County of Wayne, and State of Michigan, is the owner of the invention claimed in the patent application first signed April 4, 2000 Attorney Docket No: 199-0685, titled: METHOD AND SYSTEM FOR CONTROLLING A LEAN NOX TRAP PURGE CYCLE which is filed concurrently herewith in the United States Patent and Trademark Office (USPTO).

WHEREAS, Ford Global Technologies, Inc., a corporation organized and existing by virtue of the laws of the State of Michigan and having a principal place of business at Dearborn, County of Wayne, and State of Michigan, is desirous of acquiring an interest therein;

NOW, THEREFORE, Ford by these presents does assign and transfer unto Ford Global Technologies, Inc. the full and exclusive right for the United States of America and for all foreign countries to said invention, together with all patent applications, divisionals, continuations-in-part, continuations, renewals, or secondary filings thereof.

Ford Motor Company

By:

Thomas & DeZure

Title: Assistant Secretary

Date: April 5, 2000

(To be completed after recordation by the USPTO)

USPTO Filing Date: _____

USPTO Application No: _____

RECORDED: 07/31/2000

Russell

Attorney Docket No: 199-0685 Please call 313-322-7762 if this paper becomes separated from the file.

PATENT REEL: 011121 FRAME: 0212