Expires 06/30/99 OMB 0651-0027 07-26-1999 198-1031 Docket No. ET RECO 101102476 PATENTS ONLY Please record the attached original document(s) or conv(ies) pner of Patents and Trademarks: TO: The Commissi Submission Type Conveyance Type **Security Agreement** X **Assignment** New X Resubmission (Non-Recordation) Change of Name License Document ID# Correction of PTO Error Other Merger Reel# Frame # U.S. Government (For Use ONLY by U.S. Government Agencies) **Corrective Document** Reel # Frame # Secret File Departmental File Conveying Party(ies) Mark if additional names of conveying parties attached **Execution Date** Month Day Year 5 21 1999 Name (line 1) Hammerle, Robert Henry Name (line 2) Execution Date Month Day Year Second Party 21:1999 Name (line 1) Adams, Karen Marie Name (line 2) Receiving Party Mark if additional names of receiving parties attached If document to be recorded Name (line 1) FORD GLOBAL TECHNOLOGIES. is an assignment and the receiving party is not domiciled in the United Name (line 2) a Michigan corporation States, an appointment of a domestic representative is attached. Address (line 1) Suite 600 - Parklane Towers East (Designation must be a separate document from Address (line 2) One Parklane Blvd. Assignment) MI - U.S.A. Address (line 3) Dearborn 48126 State/Country **Domestic Representative Name and Address** Enter for the first Receiving Party only. Name Address (line 1) Address (line 2) Address (line 3) Address (line 4) 07/23/1999 DNGUYEN 00000165 061510 09353295 FOR OFFICE USE ONLY 40.00 CH 01 FC:581

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FORM PTO-1619C Expires 06/30/99 OMB 0651-0027

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

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Correspondent Name and Address	Area Code and Telephone	e Number 313/594-	1145		
Name Allan J. Lippa, Reg. No.	32,258				
Address (line 1) Ford Global Technologi	es, Inc.				
Address (line 2) Suite 600 - Parklane T	lowers East				
Address (line 3) One Parklane Boulevard					
Address (line 4) Dearborn, MI 48126					
Pages Enter the total number of pagincluding any attachments.	es of the attached conveya	nce document #	2		
Application Number(s) or Patent Number	ber(s)	Mark if additional nun	nbers attached		
Enter either the Patent Application Number or the Patent	tent Number (DO NOT ENTER BO				
Patent Application Number(s)		Patent Number(s)		
If this document is being filed together with a <u>new</u> Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year 1999 19					
Patent Cooperation Treaty (PCT)					
Enter PCT application number PCT PCT PCT PCT					
only if a U.S. Application Number has not been assigned.	PCT PCT	PC	Т		
Number of Properties Enter the total number of properties involved. #					
Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00					
Method of Payment: Enclosed Deposit Account XX Deposit Account					
(Enter for payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number: # 06-1510					
Au	thorization to charge addition	al fees: Yes XX	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 Leos	Jula: L	Jul	1 1999		
Name of Person Signing	Maria Jes Signature	same same	Date		
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT

WHEREAS, THE UNDERSIGNED,

has/have invented certain new and useful improvements in:

Attorney Docket No. 198-1031 entitled: EMISSION C ONTROL SYSTEM

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

Robert Hammerle Paul Laing Karen Adams; 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;

NOW, TH	EREFORE, pursuant to my en	nplovment agreement here	tofore made with FORD
MOTOR COMPANY,	or by my contractual obligation	i, I do sell, assign and trans	sfer unto FORD MOTOF
COMPANY the full an	d exclusive right for the United	States of America and for a	all foreign countries to the
said invention, as des	cribed in the specification exec	uted by me on the date lis	ted below, preparatory to
obtaining Letters Pate	nt of the United States therefo	r (and I hereby authorize n	ny attorneys to insert the
serial number and filing	g date herein:	•	
Serial No	, Filing Date), and I hereby re	equest the Commissione
of Patents and Trade	marks to issue said Letters Pat	tent to FORD MOTOR COI	MPANY as the assignee
Executed by:			

NAME	SIGNATURE	DATE
Robert Henry Hammerle 32500 Susanne Franklin, Mi 48025 US	Tobut Henry Hammerle	5/21/99
Karen Marie Adams 25454 Graceland Circle Dearborn Heights, Michigan 48125 US	Karn Marieflams	5-21-99
Paul Matthew Laing 6982 Fox Hills Rd. Canton, MI 48187	Paul Matthew Lains	5/21/99

Lippa

Attorney Docket No: 198-1031 Please call 313-322-7762 if this paper becomes separated from the file.

PATENT REEL: 010110 FRAME: 0909

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 May 21, 1999, Attorney Docket No: 198-1031, titled: EMISSION C ONTROL SYSTEM 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 J. DeZure

Title: Assistant Secretary

Date: MAY 2 4 1999

(To be completed after recordation by the USPTO)

USPTO Filing Date: _____

USPTO Application No: _____

Lippa

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PATENT REEL: 010110 FRAME: 0910