09-01-1999

Øi 3 0851-0027

**Docket No.** 199-1187



RECURDATION FURNI COVER SHEET

med8.34-99	PATENTS ONLY			
	marks: Please record the attached original document(s) or copy(ies).			
Submission Type	Conveyance Type			
X New	Y Assignment   Security Agreement a.			
Resubmission (Non-Recordation) Document ID#	License Change of Name			
Correction of PTO Error Reel # Frame # Corrective Document	Merger  Other  U.S. Government  (For Use ONLY by U.S. Government Agencies)			
Reel # Frame #	Departmental File Secret File			
Conveying Party(ies)	Mark if additional names of conveying parties attached Execution Date  Month Ozy Year			
Name (line 1) Russell, John David	8 16 1999			
Name (line 2)	Promition Con-			
Second Party	Execution Date Month Day Year			
Name (line 1) Ford Motor Company	8 20 1999			
Name (line 2)				
Receiving Party	Mark if additional names of receiving parties attached			
Name (line 1) FORD GLOBAL TECHNOLOG	's si, sasigiandik did tile			
Name (line 2) a Michigan corporation	States, an appointment			
Address (line 1) Suite 600 - Parklane	Towers East of a domestic representative is attached.  (Designation must be a			
Address (line 2) One Parklane Blvd.	separate document from Assignment.)			
Address (line 3) Dearborn	MI - U.S.A. 48126 Zin Couple			
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)				
08/31/1999 MTHAI1 00000293 061510 09382368 01 FC:581 40.06 CH	FOR OFFICE USE ONLY			

Public burden reporting for this collection of informations of this collection of informations of this collection of information of the document and guidening the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patents and Trademark Office, Chief Information Officer, 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. 20501. See OMB Information Collection Budget Package: 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Correspondent Name and Address Area Code and Telephone Number 313/594-1145			
Name Allan J. Lippa, Reg. No. 32,258			
Address (line 1) Ford Global Technologies, Inc.			
Address (line 2) Suite 600 - Parklane Towers East			
Address (line 3) One Parklane Boulevard			
Address (line 4) Dearborn, MI 48126			
Pages Enter the total number of pages of the attached conveyance document # 2 including any attachments.			
Application Number(s) or Patent Number(s) Mark if additional numbers attached			
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).			
Patent Application Number(s) Patent Number(s)			
If this document is being filed together with a new Course and losting ones, the date the patent application was. Month Day Year			
If this document is being filed together with a <u>new Patent Application</u> , enter the date the patent application was Month Day Year signed by the first named executing inventor.  8 16 1999			
Patent Cooperation Treaty (PCT)			
Enter PCT application number PCT PCT PCT PCT			
only if a U.S. Application Number per PCT PCT PCT			
has not been assigned.			
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			
Authorization to charge additional 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 Maria Dens August 23, 1999			
Name of Person Signing Signature Date			
-			

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

### <u>ASSIGNMENT</u>

WHEREAS, THE UNDERSIGNED,

Attorney Docket No: 199-1187

has/have invented certain new and useful improvements in:

# Attorney Docket No. 199-1187 entitled: LEAN CATALYST AND PARTICULATE FILTER CONTROL SYSTEM AND METHOD

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

John Russell; 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, THEREFORE, pursuant to my employment a MOTOR COMPANY, or by my contractual obligation, I do sell, a COMPANY the full and exclusive right for the United States of An	assign and transfer unto FORD MOTOR merica and for all foreign countries to the
said invention, as described in the specification executed by me	to the date listed below, preparatory to
obtaining Letters Patent of the United States therefor (and I here	eby authorize my attorneys to insert the
serial number and filing date herein:	
Serial No, Filing Date)	), and I hereby request the Commissioner
of Patents and Trademarks to issue said Letters Patent to FORI	D MOTOR COMPANY as the assignee.
Executed by:	

NAME	SIGNATURE	DATE
John David Russell 27526 Bridle Hills Drive Farmington Hills, MI 48336 US		<u>श्रीक्षित</u>

Russell

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

PATENT REEL: 010196 FRAME: 0273

#### 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 August 16, 1999. Attorney Docket No: 199-1187, titled: LEAN CATALYST AND PARTICULATE FILTER CONTROL SYSTEM AND METHOD 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

Bv:

Thomas J. DeZure

Title: Assistant Secretary

Date: August 20, 1999

(To be completed after recordation by the USPTO)	
USPTO Filing Date:	
USPTO Application No:	
Russell	

PATENT REEL: 010196 FRAME: 0274