	FORM PTO-1619A Expires 06/30/99	01-28-2000	U.S. Department of Commerce Patent and Gradem Coffice	
	OMB 0651-0027		PATEN = 00/2	
	Docket No. 199-1090	101252948		
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	TO: The Commissioner of Patents and Tradema	ks: Please record the attached original do	ocument(s) or copy(les).	
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	Corrective Document	(For Use ONLY by U.S. Government	nent Agencies)	
	Reel# Frame #	Departmental File	Secret File	
	Conveying Party(ies) Name (line 1) Ford Motor Company	Mark if additional names of conveying p	Month Day Year	
-	rota Potat Calibaty		12 23 99	
∞	Name (time 2) A Delaware Corporation			
6	Second Party Execution Date Month Day Year			
478698	Name (line 1)			
5	Name (line 2)			
9	Receiving Party	Murk if additional names	of receiving parties attached	
0	Name (line 1) Ford Global Technologies, Inc. Midenant to be recorded is an assignment and the			
	Name (time 2) A Michigan Corporation States, an application of a domastic representative is attached to the United States, an application of a domastic representative is attached (Designation must be a			
	Address (line 2) One Parklane Boulevard	tress (line 2) Orie Parklane Boulevard sesignment.)		
	Address (line 3) Dearborn,	MI - USA 4811	26 to Code	
-	Domestic Representative Name and Address Enter for the first Receiving Party only.			
	Name			
	Address (line 1)			
Ì	Address (line z)			
Address time 3)				
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Public burden reporting for this collection of information is estimated to everyge approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gashering the data headed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Peterst and Trademark Office, Chief Information Officer, Washington, D.C. 2023 and to this Office of Information and Regulatory Affairs, Office of Management and Studget, Paperson's Reduction Project (0461-0827), Washington, O.C. 20603. See OMS Information Dudget Package. 0461-0927, Pagent and Trademark Assignment Project. 00 NOT SEND 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: 010501 FRAME: 0783

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	313-845-5371			
Mark L. Mollon - 31,123					
Address (Ine 1) Ford Global Technologies, Inc.					
Address @ne 2 Suite 600 - Parklane Towers East					
Address (ine 3) One Parklane Boulevard					
Address (line 4) Dearborn, MI 48	126				
Pages Enter the total number of pages of the attached conveyance document including any attachments.					
Application Number(s) Mark if additional numbers attached					
Enter either the Patent Application Number or the Patent Application Number(s)	Patent Number (DO NOT ENTER BOTH number Pates	s for the same property). nt Number(s)			
If this document is being filed together with a <u>new</u> Pa signed by the first named executing inventor.	tent Application, enter the date the patent applican	tion was Month Day Year 12 21 99			
Patent Cooperation Treaty (PCT)					
Enter PCT application number only if a U.S. Application Numb		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 X 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 X No			
Statement and Signature					
To the best of my knowledge and bellef, 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. Saundra M. Lewis January 6, 2000					
Name of Person Signing	Signature	Date			

1.

PATENT

REEL: 010501 FRAME: 0784

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 <u>December 21, 1999</u>, Attorney Docket No: 199-1090, titled: CYLINDER AIR CHARGE ESTIMATION ASSEMBLY 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

Thomas J. DeZure

Title: Assistant Secretary

Date: DEC 23 1999

(To be completed after recordation by the USPTO)

USPTO Filing Date: _____

USPTO Application No: _____

Mollon

Attorney Docket No: 199-1090 Please call 313-322-7762 if this paper becomes separated from the file.

PATENT
RECORDED: 01/06/2000 REEL: 010501 FRAME: 0785