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FORM PTO-1619A Expires 06/30/99	03-29-2000	U.S. Department of Commerce Patent and Trademerk Office PATENT					
OMB 0651-0027	1884 18 1886 1896 1896 1896 1896 1896 1896 1896 1896 1896 1896 1896 1896 1896 	PAICHI					
Docket No. 199-0484	101299907						
NO S. D. RE	CORDATION FORM COVER SI	HEET					
TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(les).							
Submission Type	Conveyance Type	2					
X New	X Assignment	Security Agreement					
Resubmission (Non-Recordation) Document ID#	License	Change of Name					
Correction of PTO Error		Other 55					
Reel # Frame #	115	Government U U U U U U U U U U U U U U U U U U U					
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Conveying Party(ies)	Mark if additional names of	f conveying parties attached Execution Date Month Day Year					
Name (line 1) Ford Motor Company	7	2 2/2000					
Name (time 2) A Delaware Corpora	ation	Execution Date					
Second Party		Month Day Year					
Name (line 1)		C. C. C. C. C.					
Name (line 2)		09511044					
Receiving Party		Sitional names of receiving parties attached If document to be recorded					
Name (line 1) Ford Global Techn	ologies, Inc.	is an assignment and the receiving party is not					
Name (line z) A Michigan Corpor	ation	domiciled in the United States, an appointment of a domestic					
Address (line 1) Suite 600 ~ Parkl	ane Towers East	representative is attached (Designation must be a					
Address (line 2) One Parklane Boul	evand	separate document from Assignment.)					
Address (ine 3) Dearborn,	MI - USA	48126					
City	State/Country	Zio Code					
Domestic Representative Name	and Address Enter for the firs	st Receiving Party only.					
Name							
Address (line 1)							
Address (time 2)							
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Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

REEL: 010634 FRAME: 0977

FORM PTO-1619B Express 08/30/99 OMB 0851-0027	Page 2	U.S. Department of Commerce Patent and Trademerk Office PATENT
Correspondent Name and Address	Area Code and Telephone Numi	per 313-323-1904
Jerome R. Drouillard - 28,	,008	
Address (ine 1) Ford Global Technolog	pies, Inc.	
Address (ine z) Suite 600 - Parklane	Towers East	
Address (ine 3) One Parklane Boulevar	d	
Address (ine 4) Dearborn, MI 481	26	
Pages Enter the total number of paincluding any attachments.	ages of the attached conveyance do	cument # 1
Application Number(s) or Patent Nur	· · · · · · · · · · · · · · · · · · ·	ark if additional numbers attached
Enter either the Patent Application Number or the Patent Application Number(s)		ibers for the same property). Hent Number(s)
If this document is being filed together with a <u>new Pate</u> signed by the first named executing inventor.	ont Application, enter the date the patent app	lication was Month Day Year 1 14 2000
Patent Cooperation Treaty (PCT)	PCT PCT	PCT
Enter PCT application number only if a U.S. Application Number has not been assigned.		PCT
Number of Properties	tal number of properties involved.	#
Fee Amount Fee Amount	for Properties Listed (37 CFR 3.41)): \$ 40.00
Method of Payment: Enclo Deposit Account	osed Deposit Account	
(Enter for payment by deposit account or if addi	itional 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 be attached copy is a true copy of the o indicated herein.	lief, the foregoing information is trueriginal document. Charges to depo	e and correct and any sit account are authorized, as
Maria J. Leos	Maria 9 Jess	February 21, 2000
Name of Person Signing	Signature	Date

PATENT REEL: 010634 FRAME: 0978

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE ASSIGNMENT

WHEREAS, THE UNDERSIGNED.

has/have invented certain new and useful improvements in:

Attorney Docket No. 199-0484 entitled: VARIABLE CAPACITY RECIPROCATING ENGINE

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

David Boggs; 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	employment	agreement h	eretofore made	with FORD
MOTOR COMPANY,	or by my contractual obliga-	tion, I do sell.	assign and to	ransfer unto FO	RD MOTOR
COMPANY the full an	d exclusive right for the Uni	ted States of A	America and fo	or all foreign cod	untries to the
said invention, as des	scribed in the specification of	executed by m	e on the date	listed below, p	reparatory to
obtaining Letters Pate	ent of the United States the	refor rand I he	ereby authoriz	e my attorneys	to insert the
serial number and filin	g date herein	•	•		
Contat No.	TTT 0 - 4-		A 1 1 to 1		

Serial No. ______, Filing Date ________), and I hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent to FORD MOTOR COMPANY as the assignee. Executed by:

NAME	SIGNATURE	DATE
David L. Boggs 5286 Kellen Lane Bloomfield Hills, MI 48302 US	David L Boggs	01/14/2000

Droudlard

Attorney Docket No: 199-0484

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

PATENT REEL: 010634 FRAME: 0979

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>January 14, 2000</u>, Attorney Docket No: 199-0484, titled: VARIABLE CAPACITY RECIPROCATING ENGINE 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: FEB 2 1 2000

(To be completed after recordation by the USPTO)

USPTO Filing Date:

USPTO Application No:

RECORDED: 02/23/2000

Drouillard

Attorney Docket No: 199-0484 Please call 313-322-7762 if this paper becomes separated from the file.

PATENT REEL: 010634 FRAME: 0980