FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 WCO 12. 21. 95	01-12-2000	U.S. Department of Commerce Patent and Trademark Office PATENTO
Docket No. 199-0213	101242824 DRDATION FORM COVER SH	
TO: The Commissioner of Patents and Trac	PATENTS ONLY	original document(s) or copy(ies).
Submission Type	Conveyance Type	
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Resubmission (Non-Recordation) Document ID#	License C	Change of Name
Correction of PTO Error Reel # Frame # Corrective Document	U.S. C	Other Government U.S. Government Agencies)
Reel # Frame #	Department	al File Secret File
Conveying Party(ies)	Mark if additional names of	conveying parties attached Execution Date Month Day Year
Name (line 1) Ford Motor Company		12 9 99
Name (line 2) A Delaware Corporati	on	
Second Party Name (line 1)		Execution Date Month Day Year
Name (line 2)		09/468/54
Receiving Party	Mark if acklit	ional names of receiving parties attached
Name (line 1) Ford Global Technol	ogies, Inc.	If document to be record is an assignment and the
Name (Une z) A Michigan Corporat	ion	receiving party is not domiciled in the United States, an appointment
Address (line 1) Suite 600 - Parklan	e Towers East	of a domestic representative is attache (Designation must be a
Address (line 2) One Parklane Bouleve	ard	Saparate document from Assignment.)
Address (line 3) Dearborn,	MI - USA	48126 Zip Code
Domestic Representative Name ar	State Country nd Address Enter for the first	Receiving Party only.
Name		
Address (line 1)		
Address (line z)		
Products (ms c)		
Address (line 3)		

Public burden reporting for this collection of Information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including sine for reviewing the discussion and separating the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Tradamank Office, Chief information Officer, Washington, D.C. 2021 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0551-0027), Washington, D.C. 2003. See OMB Information Collection Budget Package. 0461-0027, Patent and Tradement Assignment Practice. DO NOT SEND 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

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PATENT

REEL: 010478 FRAME: 0434

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 313-248-1367				
Name Gregory P. Brown - 3	38,035			
Address (line 1) Ford Global Tech	nologies, Inc.			
Address (ine 2) Suite 600 - Park	lane Towers East			
Address (time 3) One Parklane Boulevard				
Address (time 4) Dearborn, MI	48126			
Pages Enter the total number of pages of the attached conveyance document including any attachments.				
Application Number(s) or Paten	· · · · · · · · · · · · · · · · · · ·	ark If additional numbers attached		
	or the Patent Number (DO NOT ENTER BOTH num	nbers for the same property). atent Number(s)		
Patent Application Number	(s) [Test (1887)		
If this document is being filed together with a na signed by the first named executing inventor.	ew. Patent Application, enter the date the patent app	Month Day Year 12 8 99		
Patent Cooperation Treaty (PC)	PCT PCT	PCT		
Enter PCT application num only if a U.S. Application N	ber	PCT		
has not been assigned.	PCT PCT	PCI		
Number of Properties Enter the total number of properties involved. #				
Fee Amount Fee An	nount for Properties Listed (37 CFR 3.41): \$ 40.00		
Method of Payment: Deposit Account	Enclosed Deposit Account X			
(Enter for payment by deposit account of	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. Saundra M. Lewis December 20, 1999 Name of Person Signing Signature Date				
Name of Person Signing	Signature	Date		
maine of Pason Signing	organica c			

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REEL: 010478 FRAME: 0435

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 December 8, 1999, Attorney Docket No: 199-0213, titled: AUTOMOTIVE VEHICLE STEERING SYSTEM HAVING AN ELECTRIC MOTOR POWERED LINEAR ACTUATOR SHAFT FOR TURNING A STEERED WHEEL 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

(To be completed after recordation by the USPTO)

USPTO Filing Date:

USPTO Application No: _____

Brown

Attorney Docket No: 199-0213 Please call 313-322-7762 if this paper becomes separated from the file.

PATENT REEL: 010478 FRAME: 0436