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	FORM PTO- Expires 06/30/99 OMB 0651-0027	1619A		U.S. Department of Commerce Patent and Trademerk Office PATENT				
	Docket No.	199-0229	101241228	a C S T T T T T T T T T T T T T T T T T T				
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1	TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(less and Trademarks)							
	submission		Conveyance Type	Ü				
- 1	New	Type	·	urity Agreement				
	Resubmis	ssion (Non-Recordation)	License Chai	nge of Name				
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1	Correction	n of PTO Error Frame #	Merger U.S. Got	vernment				
	——··	e Document Frame #	(For Use ONLY by U.S. Departmental F	. Government Agencies)				
	Real # Conveying F		<u> </u>	veying parties attached Execution Date				
	Name (line 1)		man i i a a a a a a a a a a a a a a a a a	Nionth Day Year				
	Name (line 2)	A Delaware Corporation		Financia Data				
	Second Party	7 Delta del		Execution Date  Month Day Year				
	Name (line 1)							
2	Name (line 2)							
:  -	Receiving P	arty	Mark if addition	al names of receiving parties attached				
F .	<u> </u>		Too	If document to be recorded				
-	Name (line 1)	Ford Global Technologies, Inc. is an assignment and the receiving party is not						
				domiciled in the United States, an appointment				
<b>9</b> 1	Name (line 2)	A Michigan Corporation		of a domestic				
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٩	Name (in 2)	A Michigan Corporation  Suite 600 - Parklane To	wers East	representative is attached. (Designation must be a				
			wers East	representative is attached.				
P	Address (line 1)	Suite 600 ~ Parklane To One Parklane Boulevard	MI - USA	representative is attached. (Designation must be a separate document from Assignment.)				
A	Address (line 1) Address (line 2) Address (line 3)	Suite 600 ~ Parklane To One Parklane Boulevard	MI - USA StateCountry	representative is attached. (Designation must be a separate document from Assignment.)  48126 Zio Code				
A	Address (line 1) Address (line 2) Address (line 3) Domestic R	Suite 600 ~ Parklane To One Parklane Boulevard Oearborn,	MI - USA StateCountry	representative is attached. (Designation must be a separate document from Assignment.)  48126 Zio Code				
A	Address (line 1) Address (line 2) Address (line 3)	Suite 600 ~ Parklane To One Parklane Boulevard Oearborn,	MI - USA StateCountry	representative is attached. (Designation must be a separate document from Assignment.)  48126 Zio Code				
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F	Address (line 2) Address (line 3) Domestic R Name	Suite 600 ~ Parklane To One Parklane Boulevard Oearborn,	MI - USA StateCountry	representative is attached. (Designation must be a separate document from Assignment.)  48126 Zio Code				
E	Address (line 2) Address (line 3) Domestic R Name Address (line 1)	Suite 600 ~ Parklane To One Parklane Boulevard Oearborn,	MI - USA StateCountry	representative is attached. (Designation must be a separate document from Assignment.)  48126 Zio Code				
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A A E	Address (line 1) Address (line 2) Address (line 3) Domestic R Name Address (line 1) Address (line 2) Address (line 3) Address (line 4)	Suite 600 ~ Parklane To One Parklane Boulevard  Dearborn, Civ  epresentative Name and A	NI - USA State/Country  ddress Enter for the first Re	representative is attached. (Designation must be a separate document from Assignment.)  48126 Zio Code				
A	Address (line 1) Address (line 2) Address (line 3) Domestic R Name Address (line 1) Address (line 2) Address (line 3) Address (line 4)	Suite 600 ~ Parklane To One Parklane Boulevard  Dearborn, Civ  epresentative Name and A	NI - USA State/Country  ddress Enter for the first Re	representative is attached. (Designation must be a separate document from Assignment.)  48126 Zio Code				

Public burden reperting-fee-thill collection of information is estimated to average approximately 36 minutes per Cover Sheet to be recorded, including time for reviewing the document, and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Tradement Office, Chief information Officer, Washington, D.C. 2023? and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (9651-0027), Washington, D.C. 20603. See OMB Information Collection Budget Package 0661-0027, Patent and Tradement Assignment Practice. DO NOT SEMD 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

REEL: 010473 FRAME: 0322

FORM PTO-1619B Express 05/30/99 OMB 0651-0027		Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT			
Correspondent Name and Address Area Code and Telephone Number 313-248-4114						
Name Mark	S. Sparschu - 38,317					
Address (ine 1) Ford	Global Technologie	s, Inc.				
Address (ine 2) Suite	e 600 - Parklane To	wers East				
Address (time 2) One ]	Parklane Boulevard					
Address (time 4) Deard	born, MI 48126					
	the total number of page ling any attachments.	es of the attached conveyance do	cument #			
Application Number(s)   Mark If additional numbers attached						
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If this document is being file signed by the first named e	ed together with a <u>new Patent</u> executing inventor.	Application, enter the date the patent app	lication was Month Day Year			
Patent Cooperation	n Treaty (PCT)	707	PCT			
	pplication number	PCT PCT				
	i. Application Number en assigned.	PCT PCT	PCT			
Number of Properties  Enter the total number of properties involved. #						
Fee Amount	Fee Amount fo	r Properties Listed (37 CFR 3.41	): \$ 40 <u>.00</u>			
Method of Payment: Enclosed Deposit Account X Deposit Account						
	by deposit account or if addition	onal fees can be charged to the account.) posit Account Number:	# 06-1510			
	Au	thorization to charge additional fees	: Yes X No			
Statement and Sign	nature					
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						
<i>indicated here</i> Angela Singleton	<b>'n.</b> /	Totalla Similar	November / , 1999			
Name of Pers	on Signing	Signature	Date			

PATENT REEL: 010473 FRAME: 0323

## 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 \_\_//\_\_\_\_\_\_\_, Attorney Docket No: 199-0229, titled: ELECTRIC MACHINE 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

#0V 09 1993

Date:

(To be completed after recordation by the USPTO)

USPTO Filing Date: \_\_\_\_\_

USPTO Application No: \_\_\_\_\_

**RECORDED: 12/20/1999** 

Sparschu

Attorney Docket No: 199-0229 Please call 313-322-7762 if this paper becomes separated from the file.

PATENT REEL: 010473 FRAME: 0324