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PATENTS ONLY FINANCE SECTION TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(les).						
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			CONTROL TIMES OF CONTROL	parties attached Execution Date Month Day Year		
Name (line 1)	Ford Motor Compan	Y		03-05-03		
Name (line z)	A Delaware Corpor	ation				
Second Party				Execution Date Month Day Year		
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Marne (line z)	A Michigan Corpor	ation		domiciled in the United States, an appointment		
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	Suite 600 - Pairiaire Towers East (Designation must be a					
Address (line 2)	One Parklane Boul	evard		saparate document from Assignment.)		
Address (line 3)	Dearborn,	MI ~		1126		
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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

FORM PTO- Expres 08/30/99 OMB 0851-0027	-1619B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT				
Corresponde	ent Name and Address	Area Code and Telephone Nu	mber 313-594-1145				
Name [Allan J. Lippa - 32,258						
Address (line 1)	Ford Global Technolog	ies, []					
Address (ine 2)	Suite 600 - Parklane Towers Bast						
4ddress (tine 3)	One Parklane Boulevan	đ					
Address (line 4)	Dearborn, MI 481	26					
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Pate 10/38 40 19	ent Application Number(s)	Patent Number (DO NOT ENTER BOTH II	Patent Number(s)				
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		Deposit Account Number: Authorization to charge additional fe					
Statement a	nd 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 Dea	March 28, 2003				
Name	of Person Signing	Signature	Date				

PATENT REEL: 013908 FRAME: 0462

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 number referenced below, filed concurrently herewith in the United States Patent and Trademark Office (USPTO).

WHEREAS, Ford Global Technologies, LLC, a company 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 desirous of acquiring an interest therein;

NOW, THEREFORE, Ford by these presents does assign and transfer unto Ford Global Technologies, LLC 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: 03-05-03

Attorney Docket No.: 202-0698

USPTO Application Serial No.: <u>10/384,019</u>

USPTO Filing Date: March 10, 2003

RECORDED: 04/03/2003

PATENT REEL: 013908 FRAME: 0463