Form PTO-1595 (Rev. 10/02)	U.S. DEPARTMENT OF COMMER U.S. Patent and Trademark C
OMB No. 0651-002? (exp. 6/30/2005)	
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	and Trademarks: Please record the attached original documents or copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies) Name:Ford_Global_Technologies, LL
	Internal Address:Suite_600_East
	Parklane Towers
Additional name(s) of conveying party(ies) attached?	
3. Nature of conveyance:	
🎽 Assignment 🔤 Merg	ger Street Address:One Parklane Blvd.
🕞 Security Agreement 🛛 📮 Chan	nge of Name
Docket No. 81090826	City:State:Zip:481
Execution Date: 10/21/2003	Additional name(s) & address(es) attached? 🖵 Yes 🎘 N
A Detect Application No (a)	rith a new application, the execution date of the application is:
A. Patent Application No.(s) 10699 Addi	B. Patent No.(s)
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A. Patent Application No.(s) 0699 Addi 5. Name and address of party to whom cor	B. Patent No.(s) B. Patent No.(s) ititional numbers attached? Yes No frespondence 6. Total number of applications and patents involved: ies, LLC 7. Total fee (37 CFR 3.41)\$_40.00
A. Patent Application No.(s) M699 Addi 5. Name and address of party to whom cor concerning document should be mailed:	B. Patent No.(s) itional numbers attached? Yes No rrespondence 6. Total number of applications and patents involved: 1es, LLC 7. Total fee (37 CFR 3.41)\$ 40.00
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A. Patent Application No.(s) Addi 5. Name and address of party to whom cor concerning document should be mailed: Name:Ford Global Technolog: Internal Address:Suite 600 East Parklane Towers Street Address:One Parklane Bly Street Address:One Parklane Bly PortoneObegatie_ObestState10(14310Zip: 40.00 MA 9. Statement and signature.	B. Patent No.(s) itional numbers attached? Yes No rrespondence 6. Total number of applications and patents involved: ies, LLC 7. Total fee (37 CFR 3.41)\$_40.00 Enclosed S Yes No 8. Deposit account number: Vd. 06-1510 (Attach duplicate copy of this page if paying by deposit account DO NOT USE THIS SPACE
A. Patent Application No.(s) Addi 5. Name and address of party to whom cor concerning document should be mailed: Name:Ford Global Technolog: Internal Address:Suite 600 East Parklane Towers Street Address:One Parklane Bly Street Address:One Parklane Bly POINEODO001200015E0 atel@G4310Zip: 40.00 MA 9. Statement and signature. To the best of my knowledge and belief.	B. Patent No.(s) itional numbers attached? Yes No rrespondence 6. Total number of applications and patents involved: ies, LLC 7. Total fee (37 CFR 3.41)\$_40.00 Enclosed a Authorized to be charged to deposit account 8. Deposit account number: vd. 06-1510 (Attach duplicate copy of this page if paying by deposit account
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Washington, D.C. 20231

PATENT REEL: 014645 FRAME: 0523

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. DeZureTitle:Assistant SecretaryDocket No:<u>81090826</u>Date:<u>10/21/2003</u>

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Form PTO-1595 (Rev. 10/02)	US Pater		U.S. DEPARTMENT OF COMMERCE	
OMB No. 0651-00 (exp. 6/30/2005)	PATENTS ONLY			
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.				
1. Name of conveying party(ies):		2. Name and address	of receiving party(ies) Motor Company	
Michiel van Nieuwstadt		Name:		
John Cavataio Thomas A. Brewbaker		Internal Address:	143.S	
Indulas A. Diewbaker			102	
Additional name(s) of conveying party(ies) attached?			N T	
3. Nature of conveyance:				
Assignment	🖵 Merger	Street Address:	The American Road	
Security Agreement	Grange of Name			
G Other				
Docket No. 81090826	2002 6	City: Dearborn	State:Zip:48126	
October 12, Execution Date:October 17,		Additional name(s) & ad	dress(es) attached? 💶 Yes 🔏 No	
4. Application number(s) or pater	nt number(s):			
If this document is being filed together with a new application, the execution date of the application is:				
	ogemer with a new appli	t		
A. Patent Application No.(s)		B. Patent No.(s)		
			,	
Additional numbers attached? 📮 Yes 🔀 No				
Name and address of party to concerning document should be	•	6. Total number of appl	ications and patents involved:	
Name: Ford Global Tech		7. Total fee (37 CFR 3.	41)\$_40.00	
Name: Toru Grobar rech		_		
Internal Address: Suite	600 East	Enclosed		
Parkla	ne Towers	Authorized to be	e charged to deposit account	
Street Address. One Parkla	no Blud	8. Deposit account nur	nber:	
Street Address: One Parkia		06-151	0	
			<u> </u>	
City: <u>Dearborn</u> State: M	ZZip:48126	(Attach duplicate copy of	this page if paying by deposit account)	
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9. 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 do	cument. IN I	A. Y.	1 11 11 12	
Maria Leos	<u></u>	un seas	10- 4-09	
Name of Person Signin	•	Signature	Date	
Total number of pages including cover sheet, attachments, and documents:				
Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231				

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RECORDED: 10/27/2003
