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TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies). Submission Type Conveyance Type										
New	4-24-02	Conveyance Typ X Assignment	Security Agree	ment						
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Conveying F	Party(ies)		names of conveying parties	4						
Name (line 1)	Ford Motor Company			Month Day Year 4/17/02						
Name (time 2)	A Delaware Corporation	<u> </u>								
Second Party Name (line 1)				Execution Date Month Day Year						
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Name (line 2)										
Receiving Pa	arty	Ma	rk if additional names of re-	ceiving parties attached						
Name (line 1)	Ford Global Technologies	Inc.		If document to be recorded is an assignment and the						
Name (line z)	A Michigan Corporation			receiving party is not domiciled in the United States, an appointment						
Address (line 1)	Suite 600 - Parklane Tow		of a domestic representative is attached. (Designation must be a							
Address (line 2)	One Parklane Boulevard			separate document from Assignment.)						
Address (line 3)	Dearborn,	MI - USA	48126							
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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

PATENT

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FORM PTC Expres 06/30/99 OMB 0651-0027	Page 2				U.S. Department of Commerce Patent and Trademark Office PATENT					
Correspond	ent Name and	i Address	Area Code	and Telephone	Number 313) 323-2024				
Name	Frank A. Mac	Kenzię - 42,82	6							
Address (line 1)	Ford Global	Technologie	s, Inc.							
Address (ine 2)	Suite 600 - Parklane Towers East									
Address (time 3)	One Parklane Boulevard									
Address (ine 4)	Dearborn,	MI 48126								
Pages	Enter the total i	number of page	s of the atta	iched conveyan	ce document	#				
	Number(s) or					al numbers attach	ed .			
Enter either the	Patent Application	Number or the Pate	ent Number (0	O NOT ENTER BOT	H numbers for the	same property).				
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If this document is	being filed together	with a new Paternt /	Application, ent	er the date the pater	nt application was	Month : Day	Year			
Patent Cooperation Treaty (PCT)										
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Statement and	d Signature									
To the bo attached indicated	ast of my knowid copy is a true c i herein.	edge and belief opy of the origi	, the foregoinal docume	ing information on the control of th	is true and con deposit accour	rect and any it are authoriza	d, as			
Saundra M. Lew		V Da	undra,	M. Jei	ma) A	pril 17, 2002				
Name of	Person Signing	}	Sig	nature		Date				

PATENT REEL: 12849 FRAME: 0718 Electronic Version 1.1.0

PATENT'ASSIGNMENT

SUBMISSION TYPE: NEW ASSIGNMENT

APPLICATION NUMBER 10/063092

NATURE OF CONVEYANCE: ASSIGNMENT OF ASSIGNOR'S INTEREST

CONVEYING PARTY DATA

Name:

Ford Motor Company

Execution Date: 03/18/2002

RECEIVING PARTY DATA

Name:

Ford Global Technologies, Inc. Street Address: Suite 600, Parklane Towers East

Internal Address: One Parklane Boulevard

City:

Dearborn

State:

MICHIGAN

Country:

Postal Code:

48126

The USPTO, Office of Public Records, will send correspondence via U.S. Postal Service

When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.

CUSTOMER NUMBER: 022844

NAME OF PERSON SIGNING: Saundra M. Lewis

DATE SIGNED:

03/18/2002

Total Attachments: 1

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PATENT REEL: 12849 FRAME: 0719

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, 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

Docket No:

201-0486

Date:

4/17/02

PATENT REEL: 12849 FRAME: 0720

RECORDED: 04/24/2002