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Docket No.	101311349
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Name (line 1)	Ford Motor Company
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[	A Delaware Corporation Execution Date
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	is an assignment and the receiving party is not
Name (line z)	A Michigan Corporation domiciled in the United States, an appointment
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Address (line 1)	Suite 600 ~ Parklane Towers East (Designation must be a
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**PATENT** 

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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	313-248-4114
Mark S. Sparschu - 38,317		
Address (line 1) Ford Global Technolog	ies, Inc.	
Address (me 2) Suite 600 - Parklane !	Nowers East	
Address (line 3) One Parklane Boulevard	1	
Address (line 4) Dearborn, MI 4812	26	
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Name of Person Signing	Signature )	Date

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## ASSIGNMENT

WHEREAS, Ford Motor Company (Ford), a corporation orga	anized and
existing by virtue of the laws of the State of Delaware and having a princi	pal place of
business at Dearborn, County of Wayne, and State of Michigan, is the ov	vner of the
invention claimed in the patent application first signed	_, Attorney
Docket No: 198-1444, titled: APPARATUS AND METHOD FOR	ENGINE
CRANKSHAFT TORQUE RIPPLE CONTROL IN A HYBRID ELECTRIC	VEHICLE
which is filed concurrently herewith in the United States Patent and Trader	nark 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

By:

Title: Assistant Secretary

Date: **FEB** 2 3 2000

(To be completed after recordation by the USPTO)

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

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

**RECORDED: 03/01/2000** 

Sparschu

Attorney Docket No: 198-1444 Please call 313-322-7762 if this paper becomes separated from the file.

PATENT REEL: 010661 FRAME: 0503