Docket No. 201-1070	- 101924620 via
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Name (line 1) Ingram, Grant Alan	Month Day Year 11/14/01
Name (line 2)	Execution Date
Second Party Name (line 1) Surnilla, Gopicha	Month Day Year
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Receiving Party	Mark if additional names of receiving parties attached
Name (line 1) Ford Motor Company	is an assignment and t receiving party is not
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Conveying F	Party(ies)	Mark if additio	nal names of conveying	parties attached	112
	Conveying Parties				Execution Date Month Day Yea
Name (line 1)	Hepburn, Jeffrey Scott				
Name (line 2)					
G	Poth John M				Execution Date Month Day Year
Name (line t)	Roth, John M.				11/26/01
Name (line 2)					Execution Date Month Day Year
Name (line 1)	Theis, Joseph Robert				11/13/01
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Name (line 2)					domiciled in the United States, an appointment
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FORM PTO-1619B Expres 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT	
Correspondent Name and	Address Area Code and Telephone Number	er 313-390-4560	
Name Julia Voutyras	5 - 48,019		
Address (ine 1) Ford Global	Technologies, Inc.		
Address (me 2) Suite 600 -	Parklane Towers Bast		
Address (ine 3) One Parklan	e Boulevard		
Address (line 4) Dearborn,	MI 48126		
Pages Enter the total including any	number of pages of the attached conveyance do attachments.	cument # 5	
Patent Application I	Number or the Patent Number (DO NOT ENTER BOTH number Number(s) Patent Patent Patent Patent Patent With a num. Patent Application, enter the date the patent appli With a num. Patent Application, enter the date the patent appli PCT PCT	Lent Number(s)	
Enter PCT applicatio <u>only if</u> a U.S. Applica has not been assign	ntion Number PCT PCT	РСТ	
Number of Properties Enter the total number of properties involved. #			
Fee Amount	Fee Amount for Properties Listed (37 CFR 3.41)	: \$ 40.00	
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Maria Leos Name of Person Signí		Date	

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT

WHEREAS, THE UNDERSIGNED,

has/have invehiled certain new and useful improvements in:

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Attorney Doctiet No. 201-1070 entitled: NOX PURGE AIP/FUEL RATIO SELECTION for which l/we intend to make application for Letters Patent of the United States listing the following as inventors: Joseph Theis: John Roth Jeffrey Hepburn Gopichandra Sumilia Girant Ingram; and

WHEREAS, FORD MOTOR COMPANY, a corporation organized and existing by virtue of the laws of the State of Delaware, there is principal place of business at Dearborn, County of Wayne, and State of Michigan, is desirous of acquiring an interest therein;

NOW, THEREFORE, pursuant to my employment agreement heretofore made with FORD MOTOR COMPANY, pr by my contractual obligation, I do sell, assign and transfer unto FORD MOTOR COMPANY the full and exclusive right for the United States of America and for all foreign countries to the said invention, as described in the specification executed by me on the date listed below, preparatory to obtaining Latters Patient of the United States therefor (and I hereby authorize my attorneys to insert the serial number and filing date herein:

Serial No._______, Filing Date _______), and I hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent to FORD MOTOR COMPANY as the assignee. Executed by:

NAME	SIGNATURE	DATE
Grant Alan Ingram 3310 Peppermill Dr., #2C West Lafayette, IN 47906 US	XAB	11/14/01
Gopichandra Surnilla 5358 Midchester Ct. West Bloomfield, MI 48324 US		
Jeffrey Scott Hepburn 359 Henley Birmingham, MI 48009 US		
John M. Roth 8751 Woodside		
Grosse Ile, MI 48138 US Joseph Robert Theig 30016 Huron Meadows Drive		
Rockwood, Michigan 48178 3 US		

Attomey Docket No: 201-1070

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2820-060-592:xe3

ASSIGNMENT

WHEREAS, THE UNDERSIGNED,

has/have invented certain new and useful improvements in:

Attorney Docket No. 201-1070 entitled: NOX PURGE AIR/FUEL RATIO SELECTION for which I/we intend to make application for Letters Patent of the United States listing the following as inventors: Joseph Theis John Roth Jeffrey Hepburn Gopichandra Surnilla Grant Ingram; and

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Jeffrey Scott Hepburn 359 Henley Birmingham, MI 48009 US		
John M. Roth 8751 Woodside Grosse Ile, MI 48138 US		
Joseph Robert Theis 30016 Huron Meadows Drive Rockwood, Michigan 4817		

Voutyras

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PATENT REEL: 012388 FRAME: 0173

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John M. Roth 8751 Woodside Grosse Ile, MI 48138 US		
Joseph Robert Theis 30016 Huron Meadows Drive Rockwood, Michigan 4817		

Voutyras

Attorney Docket No: 201-1070 Please call 313-322-7762 if this paper becomes separated from the file.

RATENT PAGE. 04 ** REEL: 012388 FRAME: 0174

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John M. Roth 8751 Woodside Grosse Ile, MI 48138 US	John M. Roth	11/26/01
Joseph Robert Theis 30016 Huron Meadows Drive Rockwood, Michigan 48175, US		

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Attorney Docket No: 201-1070

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Jeffrey Scott Hepburn		
359 Henley		
Birmingham, MI 46009 US		
John M. Roth		
8761 Woodside		
Grasse Ile, MI 48138 US		
Joseph Robert Theis		
30016 Huron Meadows Drive Rockwood, Michigan 48178 US 3	Joseph & Theis	11-13-01

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RECORDED: 11/29/2001