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FORM PTO-	1619A	04-04-2003		U.S. Department of Commerce Patent and Trademark Office
Expires 06/30/99 OM8 0651-0027				PATENT
Docket No.	1202 1150	102409548	P21	M 10: 52
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Conveying P	arty(ies)	Mark if additional n	anes of conveying par	ties attached Execution Date Month, Day Year
Name (line 1)	Lewis, Donald James			02-23-03
Name (line 2)				Execution Date
Second Party				Month Day Year
Name (line 1)	Russell. John D.			02-21-03
Name (line 2)				
Receiving Pa	arty	Mar	k if additional names o	of receiving parties attached
Name (line 1)	Ford Motor Company			if document to be recorded is an assignment and the
Name (line 2)	A Delaware Corporation			receiving party is not domiciled in the United States, an appointment
Address (line 1)	The American Road			of a dornestic representative is attached.
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Address (line 2)				Assignment.)
Address (line 3)	Dearborn City	MI - USA State/Country	481	21 Code
Domestic Re	epresentative Name and	Ratalana and	the first Receiving Pa	
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Commissioner of Patents and Trademarks, Box Assignments , Washington, D.C. 20231

PATENT

REEL: 013908 FRAME: 0450

FORM PTO- Expres 06/30/99 OMB 0651-0027	1619B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Corresponde	nt Name and Address	Area Code and Telephone Number	313-594-1145
Name	Allan J. Lippa - 32,258		
Address (line 1)	Ford Global Technologi	es, LLC	
Address (ine 2)	Suite 600 - Parklane 1	lowers Bast	
Address (line 3)	One Parklane Boulevard		
Address (ime 4)	Dearborn, MI 4812	36	
Pages	Enter the total number of paincluding any attachments.	ges of the attached conveyance docu	ment # 1
• •	lumber(s) or Patent Num		additional numbers attached
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		nt Application, enter the date the patent applican	ion was Month Day Year
	named executing inventor.		
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only	if a U.S. Application Number	PCT PCT	PCT
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	nd herein.	1	·
N aria Leos		Maria Leas	March 28, 2003
Name	of Person Signing	Signature	Date

PATENT REEL: 013908 FRAME: 0451

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT

WHEREAS, THE UNDERSIGNED,

has/have invented certain new and useful improvements in:

Attorney Docket No. 202-1150 entitled: ENGINE AIR AMOUNT PREDICTION BASED ON ENGINE POSITION

for which I/we intend to make application for Letters Patent of the United States listing the following as inventors:

Donald Lewis
John Russell; and

WHEREAS, FORD MOTOR COMPANY, a corporation organized and existing by virtue of the laws of the State of Delaware, having its 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, or 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 Letters Patent of the United States therefor (and I hereby authorize my attorneys to insert the serial number and filing date herein:

Serial No. 10/374,189 , Filing Date February 26, 2003, 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
Donald James Lewis 4536 Crandall Howell, Mi 48843 US	Lonald Jewis	2/26/03
John D. Russell 27526 Bridle Hills Drive Farmington Hills, MI 48336 US		2/20/03

Voutyras

RECORDED: 04/03/2003

Attorney Docket No: 202-1150 Please call 313-322-7762 if this paper becomes separated from the file.

PATENT REEL: 013908 FRAME: 0452