12-16-1998 FORM PTO-1619A **U.S. Department of Commerce** Expires 06/30/99 Patent and Trademark Office OMB 0651-0027 **PATENT** Docket No. 198-0707 100923840 RECORDATION FORM COVER SHEET PATENTS ONLY TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or cop Submission Type Conveyance Type X New **Assignment Security Agreement** Resubmission (Non-Recordation) License Change of Name Document ID# **Correction of PTO Error** Other Merger Reel# Frame # U.S. Government
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OMB 0651-0027		PATENTS ONLY		PATENT
Conveying	Party(ies)	Mark if additional names of conveying p	arties attached	
Enter additiona	I Conveying Parties			Month Page
Name (line 1)	John David Russell			11 12 38
Name (line 2)				S E
•				Execution Date  Month Day Year
Name (line 1)	Ross Dykstra Pursi	full		11 12 1998
Name (line 2)				
•				Execution Date Month Day Year
Name (line 1)	Ford Motor Company			11 16 1998
Name (line 2)				
Receiving F	Party(ies)	Mark if additional names o	f receiving partie	s attached
Enter additiona	al Receiving Party(ies)		<b>3</b> ,	
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Address (line	1)			States, an appointment of a domestic representative is
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Application Number(s) or Patent Number(s) Mark if additional numbers attached				
• •		ne Patent Number (DO NOT ENTER BOTH nu		ne property).
	Patent Application Number(s	5)	Patent Numbe	er(s)
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FORM PTO-10 Expires C3/30/99 OMB 0651-0027	619B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT	
Corresponden	nt Name and Address	Area Code and Telephone Number	313-594-1145	
Name	Allan J. Lippa			
Address (line 1)	Ford Global Technolog	ies, Inc.		
Address (line 2)	Suite 911 - Parklane	Towers East		
Address (line 3)	One Parklane Boulevar	đ		
Address (line 4)	Dearborn, MI 48126			
_	inter the total number of pagincluding any attachments.	ges of the attached conveyance doc	cument #	
<b>Application Nu</b>	umber(s) or Patent Num	nber(s) Mari	k if additional numbers attached	
Enter either the F	Patent Application Number or the P	atent Number (DO NOT ENTER BOTH numb		
	t Application Number(s)		ent Number(s)	
	eing filed together with a <u>new</u> Pater amed executing inventor.	nt Application, enter the date the patent appli	cation was Month Day Year 11 12 1998	
Patent Cooper	ration Treaty (PCT)			
Enter F	PCT application number	PCT PCT	PCT	
only if	a U.S. Application Number been assigned.	PCT PCT	PCT	
Number of Properties  Enter the total number of properties involved. #				
Fee Amount	Fee Amount f	or Properties Listed (37 CFR 3.41):	\$ 40.00	
Method of Deposit Ac		sed Deposit Account XX		
(Enter for payment by deposit account or if additional fees can be charged to the account.)  Deposit Account Number: # 06-1510				
		uthorization to charge additional fees:	Yes XX No	
Statement and				

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 document. Charges to deposit account are authorized, as indicated herein.

Maria	Leos		Maria	Jes

Name of Person Signing

Signature

Date

**PATENT REEL: 9637 FRAME: 0222** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

### **ASSIGNMENT**

WHEREAS, THE UNDERSIGNED,

has/have invented certain new and useful improvements in:

Attorney Docket No. 198-0707 entitled: AIR ESTIMATION SYSTEM AND METHOD

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

Allan Kotwicki Ross Pursifull John Russell Donald Lewis; 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 COMPANY the full and exclusive right for said invention, as described in the specific obtaining Letters Patent of the United State serial number and filing date herein: Serial No, Filing Date of Patents and Trademarks to issue said Executed by:	the United States of America and for all cation executed by me on the date listerates therefor (and I hereby authorize my	foreign countries to the d below, preparatory to attorneys to insert the
NAME	SIGNATURE	DATE
Allan Joseph Kotwicki		
9618 Elk Lake Trail	allan / Lotuschi	11/1.100
Williamsburg, MI 49690	rum J. Lollachi	11/2/98
Donald J. Lewis		
10306 Carriage		1 111 1001
Brighton, MI 48114	anald I facel	11/12/98
John David Russell		
27526 Bridle Hills Drive	$(\chi \chi)$	1 . 1 . 1
Farmington Hills, MI 48336		11/12/98
Ross Dykstra Pursifull	0 0 10	
21510 Donaldson		1.//

Lippa

Dearborn, Michigan 48124

Attorney Docket No: 198-0707 Please call 313-322-7762 if this paper becomes separated from the file.

PATENT REEL: 9637 FRAME: 0223

/con Juniful 11/12/98

#### 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 first signed November Attorney Docket No: 198-0707, titled: AIR ESTIMATION SYSTEM AND METHOD which is 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

Title: Assistant Secretary

Date: November 16, 1998

(To be completed after recordation by the USPTO)	
USPTO Filing Date:	
USPTO Application No:	
Lippa	

Attorney Docket No: 198-0707 Please call 313-322-7762 if this paper becomes separated from the file.

> PATENT REEL: 9637 FRAME: 0224

**RECORDED: 12/07/1998**