FORM PTO-1619A Express 06/30/99 OM8 0651-0027		07-31-2000 erce
Docket No. 200-0445	JUN 2 8 2000	101418662
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TO: The Commissioner of Patents and Trademar	rs: Please record the attached origin	nal document(s) or copy(ies).
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Name (line 1) Semenov, Sergey G.	leand .	Month Bay Year 6 23 00
Name (line 2)		Execution Date
Second Party Name (line 1) Zaremba, Alexander T.		6 23 00
Name (line 2)		
Receiving Party	Mark if additional	names of receiving parties attached
Name (line 1) Ford Motor Company		If document to be reconfered is an assignment and the
Name (line 2) A Delaware Corporation		receiving party is not depricited in the United States, an appointment of a demestic
Address (line 1) The American Road		representative is attached. (Designation must be a
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Address (line 3) Dearborn	MI - USA State/County	48121 Zip Code
Domestic Representative Name and A		
Name		
Address (line 1)		
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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

REEL: 010948 FRAME: 0904

FORM PTO Expres 08/30/99 OMB 0651-0027	-1619B	Page 2	U.S. Department of Commerce Peterst and Trademark Office PATENT		
Corresponde	ent Name and Address	Area Code and Telephone Nutr	1ber 313-206-2677		
Name	Jennifer M. Stec - 35,379				
Address (line 1)	Ford Global Technologi	es, Inc.			
Address (ine 2)	Suite 600 - Parklane Towers East.				
Address (time #)	One Parklane Boulevard				
Address (line 4)	Dearborn, MI 4812	.6			
Pages	Enter the total number of pagincluding any attachments.	ges of the attached conveyance d	locument #		
• •	Number(s) or Patent Num	· ·	lark if additional numbers attached		
	e Patent Application Number or the Pi ent Application Number(s)	atent Number (DO NOT ENTER BOTH RU , F	moers for the same property). Patent Number(s)		
If this document is being filed together with a <u>new</u> Petent Application, enter the date the patent application was signed by the first named executing inventor.					
•	eration Treaty (PCT)	PCT PCT	PCT		
only	r PCT application number <u>if</u> a U.S. Application Number not been assigned.	PCT PCT	PCT		
Number of P	roperties	al number of properties involved.	#		
Fee Amount	Fee Amount fe	or Properties Listed (37 CFR 3.4	1): \$ 40.00		
Method (Deposit	of Payment; Enclo	sed Deposit Account	ב !		
•	payment by deposit account or if addit	tional fees can be charged to the account.) eposit Account Number:	# 06-1510		
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Statement ar	nd Signature				
attache	best of my knowledge and bel d copy is a true copy of the or ed herein.	ilef, the foregoing information is riginal document. Charges to de	true and correct and any posit account are authorized, as		
Angela Singletor	<u>1</u>	Moder Swall	June 26, 2000		
Name	of Person Signing	Signature	Date		

PATENT REEL: 010948 FRAME: 0905

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT

WHEREAS, THE UNDERSIGNED,

has/have invented certain new and useful improvements in:

Attorney Docket No. 200-0445 entitled: SPEED AND ROTOR TIME CONSTANT ESTIMATION FOR TORQUE CONTROL OF AN INDUCTION MOTOR

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

Alexander Zaremba Sergey Semenov; 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;

NC	w, THEREFORE, pursuant to my employmen	t agreement heretofore made with FORD
MOTOR COM	IPANY, or by my contractual obligation, I do sel	II, assign and transfer unto FORD MOTOR
COMPANY th	e 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 r	ne on the date listed below, preparatory to
obtaining Lett	ers Patent of the United States therefor (and I h	ereby authorize my attorneys to insert the
serial number	and filing date herein:	
Serial No	, Filing Date), and I hereby request the
Commissione	of Patents and Trademarks to issue said Letter	's Patent to FORD MOTOR COMPANY as
	Executed by:	

NAME	SIGNATURE	DATE
Sergey Gennadievich Semenov Bibliotechnaja pl. 2 Petrodvoretz St.Petersburg, 198904 RU	Cent	6/23/00
Alexander Timofeevich Zaremba 20840 Crestmont Lane Dearborn Heights, MI 48127 US	Alath	6/25/00

Stec

Attorney Docket No: 200-0445

RECORDED: 06/28/2000

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