Expres 06/30/59 OM8 0851-002	E 320-85 200-0217			Patent and Trademark Office PATENT
Docket No	- 200 0217	101424644		
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TO: The Com	missioner of Patents and Tradem	PATENTS ONLY arks: Please record the atta	ched original docu	ment(s) or copy(ies).
Submission	Туре	Conveyance Type		
New Pesubmi	ssion (Non-Recordation)	X Assignment	Security Agre	ement
	nt ID# 101325795	License	Change of Nar	ne
Reel #	n of PTO Error Frame #	Merger [Other U.S. Government	(Anamaian)
Reel #	Frame #		tmental File	Secret File
Conveying F	arty(ies)	Mark if additional name	es of conveying parti	
Name (line 1)	CHABAAN, Rakan C.			Month Day Yea
Name (line 2)				$\overline{}$
Second Party				Exacution Date Month Day Ye
Name (line 1)	WANG, Le Yi			2 22 200
Name (line 2)				
Receiving Pa	arty	Mark i	f additional names of	receiving partles attached
Name (line 1)	Ford Motor Company			If document to be recised an assignment and
Name (line 2)	A Delaware Corporation			receiving party is not domicited in the Unite
Address (line 1)				States, an appointment of a domestic
Address (inte i)	The American Road			representative is attac (Designation must be
Address (line 2)				separate document (n Assignment.)
Address (line 3)	Dearborn	MI - USA	48121	
Domestic Re	presentative Name and A	State/Country	Zip C	ode
Name [Enter for the	e first Receiving Party	onry.
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Address (line 1)				
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PATENT

REEL: 010965 FRAME: 0253

FORM PTO Expres 06/30/99 OMB 0951-0027	-1619B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Corresponde	ent Name and Address	Area Code and Telephone Number	313-248-1367
Name	Gregory P. Brown - 38,03	5	
Address (line 1)	Ford Global Technolog	ies, Inc.	
Address (ine 2)	Suite 600 - Parklane	Towers East	
Address (line 2)	One Parklane Boulevar	đ	
Address (line 4)	Dearborn, MI 481	26	
Pages	Enter the total number of paincluding any attachments	iges of the attached conveyance docur	ment #
• •	Number(s) or Patent Nu		additional numbers attached
	 Patent Application Number or the ent Application Number(s) 	Patent Number (DO NOT ENTER BOTH numbers Paten	s for the same property). It Number(s)
09/505,373			
	7		
	being filed together with a <u>new</u> Pat t named executing inventor.	ent Application, enter the date the patent applicati	ion was Month Day Year
Patent Coop	eration Treaty (PCT)		PCT
only	r PCT application number if a U.S. Application Number not been assigned.	PCT PCT PCT	PCT
Number of P	roperties	tal number of properties involved.	*
Fee Amount	Fee Amount	for Properties Listed (37 CFR 3.41):	40.00
	of Payment: Enc	osed Deposit Account X	
	payment by deposit account or if ad	litional fees can be charged to the account.) Deposit Account Number:	# 06-1510
		Authorization to charge additional fees:	Yes X No
Statement a	nd Signature		
attache indicat	d copy is a true copy of the ed herein.	ellef, the foregoing information is true a original document. Charges to deposit	and correct and any taccount are authorized, as July 7, 2000
Saundra M. Lew		Signature	Date
Name	of Person Signing	Signature	Para

PATENT REEL: 010965 FRAME: 0254

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FORM PTO- Express 06/30/99 OM8 0851-0027	200-0217	04-19-2000 101325795	1111	U.S. Department of Commerce Patent and Trademark Office PATENT
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TO: The Comr	nissioner of Patents and Trademar	PATENTS ONL	. Y ttached origina l docume	nt(s) or copy(les).
Submission		Conveyance Typ	е	
x New		X Assignment	Security Agreem	ent
Resubmis Documen	ssion (Non-Recordation)	License	Change of Name	
Reel #	n of PTO Error Frame #		U.S. Government	encies)
Reel #	Frame #	Deg	partmental File	Secret File
Conveying F	Party(ies)	Mark if additional	names of conveying parties a	Stached Execution Date Month Day Year
Name (line 1)	CHABAAN, Rakan C.			2 16 2000
Name (line 2)				
Second Party				Execution Date Month Day Year
Name (line 1)	WANG, Le Yi			2 22 2000
Name (line 2)				
Receiving P	arty	M	ork if additional names of rec	
Name (line 1)	Ford Motor Company			if document to be record is an assignment and the
Name (line 2)	A Delaware Corporation			receiving party is not dounicited in the United
				States, an appointment
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Address (line 1) Address (line 2)	The American Road			representative is attache (Designation must be a separate document from
Address (line 1)	The American Road Dearborn	MI - USA StateCounty	48121 Zip Code	representative is attache (Designation must be a separate document from Assignment.)
Address (line 1) Address (line 2) Address (line 3)	The American Road	State/Country		representative is attache (Designation must be a separate document from Assignment.)
Address (line 1) Address (line 2) Address (line 3) Domestic R	The American Road Dearborn Giv	State/Country	Zio Codi	representative is attach (Designation must be a separate document from Assignment.)
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Address (line 1) Address (line 2) Address (line 3) Domestic R	The American Road Dearborn Giv	State/Country	Zio Codi	representative is attache (Designation must be a separate document from Assignment.)
Address (line 1) Address (line 3) Address (line 3) Domestic R. Name Address (line 1)	The American Road Dearborn Giv	State/Country	Zio Codi	representative is attache (Designation must be a separate document from Assignment.)
Address (line 1) Address (line 2) Address (line 3) Domestic R Name Address (line 1) Address (line 2)	The American Road Dearborn Giv	State/Country	Zio Codi	representative is attache (Designation must be a separate document from Assignment.)
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Address (line 1) Address (line 2) Address (line 3) Domestic R Name Address (line 1) Address (line 2)	The American Road Dearborn Giv	State/Country	Zio Codi	representative is attache (Designation must be a separate document from Assignment.)

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PATENT

REEL: 010965 FRAME: 0255

FORM PTO-1 Expres 06/30/99 OMB 06/31-0027	619B	Page 2		Department of Commerce of Americant Trademark Office
Corresponder	nt Name and Address	Area Code and Telephone	Number 313-248-	1367
Name [Gregory P. Brown - 38,035			
Address (line 1)	Ford Global Technologie	es, Inc.		
Address (ine 2)	Suite 600 - Parklane To	wers East		
Address (line 3)	One Parklane Boulevard			
Address (time 4)	Dearborn, MI 48126			
_	inter the total number of pag- ncluding any attachments.	es of the attached conveya	nce document #	
• •	umber(s) or Patent Num	· · · L	Mark if additional nur	
	Patent Application Number or the Pa t Application Number(s)	tent Number (DO NOT ENTER BO	TH numbers for the same (Patent Number(s	
Pater	Application runner(s)			"
If this document is being filed together with a <u>new Patent Application</u> , enter the date the patent application was signed by the first named executing inventor. North Day Year				
Patent Cooper	ation Treaty (PCT)	PCT PCT	PO	·+[
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	a U.S. Application Number t been assigned.	PCT PCT	PC	T
Number of Pro	porties Enter the tota	number of properties invo	elved. #	
Fee Amount	Fee Amount fo	r Properties Listed (37 CF)	R 3.41): \$ 40.00	
Method of Deposit Ac		ed Deposit Accoun	nt 🗶	'
(Enter for pay	ment by deposit account or if addition De	onal fees can be charged to the acc posit Account Number:	# 06-1510	
	Au	thorization to charge addition	al fees: Yes X	No
Statement and	Signature			
To the be attached indicated		ginal document. Charges (to deposit account a	and any re authorized, as
Saundra M. Lewis		i Pourrelia 970, Goe Signature	(Mar	rch 15, 2000
Name of	Person Signing	Signature		Date

PATENT REEL: 010965 FRAME: 0256

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSIGNMENT

WHEREAS, THE UNDERSIGNED,

has/have invented certain new and useful improvements in:

RECORDED: 03/20/2000

Attorney Docket No. 200-0217 entitled: VEHICLE ELECTRIC POWER ASSIST STEERING SYSTEM AND METHOD USING VELOCITY BASED TORQUE ESTIMATION

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

Rakan Chabaan Le Yi Wang; 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 MOTO 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, a described in the specification executed by me on the date listed below, preparatory to obtaining Letters Pater 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 red	auest the Commissioner o	
Patents and Trader Executed by:	marks to issue said Letters	s Patent to FORD MOTOR COM	IPANY as the assignee	
NAME		SIGNATURE	DATE	
Rakan C. Chabaa		1 1 1		
25312 Penningto	n			

Rakan C. Chabaan 35312 Pennington Farmington Hills, Mi 48335 US	- Laken Chalisan	2/16/2000
Le Yi Wang 45466 Emerald Forest Novi, MI 48374 US	Mi	2/22/2000

Brown

Attorney Docket No: 200-0217 Please call 313-322-7762 if this paper becomes separated from the file.

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