## PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
Richard Edward Ruthinowski	11/20/2008
Parakrama Valentine Weerappuli	11/20/2008
lan Brewster Hall	11/20/2008
Brian Robert Spahn	11/20/2008

#### **RECEIVING PARTY DATA**

Name:	Ford Global Technologies LLC		
Street Address:	330 Town Center Drive, Suite 800, South		
City:	Dearborn		
State/Country:	MICHIGAN		
Postal Code:	48126-2490		

# PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12266794	

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	65080-0083/81183944

NAME OF SUBMITTER: Bill C. Panagos

**Total Attachments: 4** source=r0583882#page1.tif source=r0583882#page2.tif

**PATENT** 

**REEL: 022133 FRAME: 0316** 

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> PATENT REEL: 022133 FRAME: 0317

RECORDATION FORM COVER SHEET				
PATENTS ONLY				
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.				
Name of conveying party(ies):	2. Name and address of receiving party(ies)			
Richard Ruthinowski (11/20/2008), Parakrama V.	Name: Ford Global Technologies, LLC			
Weerappuli (11/20/2008), Ian B. Hall (11/20/2008), and	Internal Address:			
Additional name(s) of conveying party(ies) attached? X Yes No	Street Address:			
3. Nature of conveyance/Execution Date(s):	1			
Execution Date(s): in parentheses after inventor name	330 Town Center Drive, Suite 800, South			
X Assignment Merger Change of Name				
Security Agreement Joint Research Agreement	City: Dearborn			
Government Interest Assignment	State: Michigan			
Executive Order 9424, Confirmatory License	Country: United States Zip: 48126-2490			
Other	Additional name(s) & address(es) Yes X No attached?			
	This document is being filed together with a new application.			
Application or patent number(s):  A. Patent Application No.(s)	B. Patent No.(s)			
12/266,794				
Additional numbers attached?	Yes X No			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
Name: Bill C. Panagos RADER, FISHMAN & GRAUER PLLC	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00			
Internal Address: Atty. Dkt.: 65080-0083/81183944				
Street Address: 39533 Woodward Avenue	X Authorized to be charged to deposit account			
Suite 140	Enclosed			
	None required (government interest not affecting title)			
City: Bloomfield Hills	8. Payment Information			
State: MI Zip: 48304				
Phone Number: (248) 594-0600  Fax Number: (248) 594-0610	Deposit Account Number 06-1510			
	Deposit Account Number 06-1510  Authorized User Name Bill C. Panagos			
	Dill O. 1 uringgo			
9. Signature:				
/Douglas P. LaLone/	January 21, 2009			
/Douglas P. LaLone/ Signature Douglas P. LaLone - 37,167	January 21, 2009  Date  Total number of pages including cover			

RECORDATION FORM COVER SHEET (PTO-1595) (supplemental sheet)					
Additional Conveying Party(ies)/Execution Date(s) (1. Continued):					
Brian R. Spahn (11/20/2	008)				
·					
Additional Assignees	s (2. Continued				
Assignee Name:					
Internal Address:					
Street Address:					
City:	State:	Country:		Zip:	
Assignee Name:					
Internal Address:					
Street Address:					
City:	State:	Country:		Zip:	
Assignee Name:					
Internal Address: Street Address:					
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City:	State:	Country:		Zip:	
Additional Application	ons and/or Pate	nts (4. Continued):		,	
Additional Patent Application I 4A. Continued:	vumbers	4B. Continue	atent Numbers ed:		
	Additional numb	ers attached?	Yes No		

Docket No.: 65080-0083

PATENT REEL: 022133 FRAME: 0319

#### Please direct all correspondence to:

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#### **ASSIGNMENT**

WHEREAS, THE UNDERSIGNED,

has/have invented certain new and useful improvements in:

Attorney Docket No. 81183944 entitled: DYNAMIC DISPLACEMENT ENERGY MANAGEMENT DEVICE

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

Richard Edward Ruthinowski
Parakrama Valentine Weerappuli
Ian Brewster Hall
Brian Robert Spahn

City, State, Zip:

Country:

Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and transfer unto FORD GLOBAL TECHNOLOGIES, LLC, a Ford Motor Company Limited Liability Company 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, 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 therefore (and I hereby authorize my attorneys to insert the serial number and filing date herein: Serial No. 12/266,794 , Filing Date 11/7/2008 ), and I hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent to FORD GLOBAL TECHNOLOGIES, LLC as the assignee. Executed by: SIGNATURE: Date: ///20/08 Richard Edward Ruthinowski Name: 13189 Golf Pointe Drive, Home Address: City, State, Zip: Taylor, Michigan (Wayne County) 48180; United States of America Country: Parahrena Warapaple Parakrama Valentine Weerappuli Name: Home Address: 5552 N. Piccadilly, West Bloomfield, Michigan (Oakland County) 48322, City, State, Zip: Country: United States of America lan Brewster Hall Name: Home Address: 239 Moran,

Gross Pointe Farms, MI (Wayne County) 48236,

United States of America

PATENT

REEL: 022133 FRAME: 0320

Name:

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Country:

Brian Robert Spahn / 12038 Hines Ct.,

Plymouth, Michigan (Wayne County) 48170, United States of America

Frank MacKenzie

**PATENT** 

Date: 11/20/08

**REEL: 022133 FRAME: 0321** 

**RECORDED: 01/21/2009**