502044635 08/31/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Xiujie Gao	08/20/2012
Geoffrey P. McKnight	08/23/2012
Guillermo A. Herrera	08/23/2012
Christopher B. Churchill	08/30/2012
Nancy L. Johnson	08/20/2012
Alan L. Browne	08/20/2012
Paul W. Alexander	08/20/2012
Peter Maxwell Sarosi	08/24/2012

RECEIVING PARTY DATA

Name:	GM GLOBAL TECHNOLOGY OPERATIONS LLC
Street Address:	300 RENAISSANCE CENTER
Internal Address:	MAIL CODE 482-C23-B21; P.O. BOX 300
City:	DETROIT
State/Country:	MICHIGAN
Postal Code:	48265-3000

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13600337

CORRESPONDENCE DATA

Fax Number: 2486894071 Phone: 248-689-3500 Email: Pesta@reising.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: General Motors Corporation c/o REISING E

Address Line 1: P.O. BOX 4390

Address Line 4: TROY, MICHIGAN 48099-4390

<u>PATENT</u> REEL: 028880 FRAME: 0471

ATTORNEY DOCKET NUMBER:	P019224-RD-SDJ
NAME OF SUBMITTER:	George A. Grove
Total Attachments: 5 source=AssignmentP019224RDSDJ#page1.tif source=AssignmentP019224RDSDJ#page2.tif source=AssignmentP019224RDSDJ#page3.tif source=AssignmentP019224RDSDJ#page4.tif source=AssignmentP019224RDSDJ#page5.tif	

ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS LLC, the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P019224-RD-SDJ entitled

COMPENSATING FOR INCOMPLETE REVERSAL IN MECHANISMS INCORPORATING SHAPE MEMORY ALLOY WIRE

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 60770 to insert the application number and filing date of said application here in parentheses (13/600, 337 filed 08/31/2012) when known.

Inventor's signature	May ==	Date	8/20/2012
Full name:	XIUJIE GAO		
Residence:	TROY, MICHIGAN		
Inventor's signature		Date	
Full name:	GEOFFREY P. MCKNIGHT		
Residence:	LOS ANGELES, CALIFORNIA		
Inventor's signature		Date_	
Full name:	GUILLERMO A. HERRERA	•	
Residence:	WINNETKA, CALIFORNIA		
Inventor's signature		Date	
Full name:	CHRISTOPHER B. CHURCHILL		
Residence:	ANN ARBOR, MICHIGAN		

ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS LLC, the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P019224-RD-SDJ entitled

COMPENSATING FOR INCOMPLETE REVERSAL IN MECHANISMS INCORPORATING SHAPE MEMORY ALLOY WIRE

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 60770 to insert the application number and filing date of said application here in parentheses ($\frac{13/600,337}{13/600,337}$ filed $\frac{08/31/2012}{13/600}$) when known.

Inventor's signature		Date
Full name:	XIUJIE GAO	
Residence:	TROY, MICHIGAN	
Inventor's signature	Meoffy Puril	Date 8/23/12
Full name:	GEOFFREY P. MCKNIGHT	
Residence:	LOS ANGELES, CALIFORNIA	
Inventor's signature Full name:	GUIŁLERMO A. HERRERA	Date 8/23/12
Residence:	WINNETKA, CALIFORNIA	
Inventor's signature		Date
Full name :	CHRISTOPHER B. CHURCHILL	

ANN ARBOR, MICHIGAN

Residence:

ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS LLC, the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P019224-RD-SDJ entitled

COMPENSATING FOR INCOMPLETE REVERSAL IN MECHANISMS INCORPORATING SHAPE MEMORY ALLOY WIRE

practitioner associate	a declaration. If the patent application has bed with Customer No. 60770 to insert the appere in parentheses (_13/600,337 filed _	olication number and filing date
Inventor's signature		Date
Full name:	XIUJIE GAO	
Residence:	TROY, MICHIGAN	
Inventor's signature		Date
Full name:	GEOFFREY P. MCKNIGHT	
Residence:	LOS ANGELES, CALIFORNIA	
Inventor's signature		Date
Full name:	GUILLERMO A. HERRERA	
Residence :	WINNETKA, CALIFORNIA	
Inventor's signature	Min Churchell	Date 8-30-2012
Full name :	CHRISTOPHER B. CHURCHILL	
Residence: Wha	ANN ARBOR, MICHIGAN Ventura, California	

Inventor's signature	Hanoy LJohnson	Date 8/20/12
Full name:	NANCY L. JOHNSON	, ,
Residence:	NORTHVILLE, MICHIGAN	
Inventor's signature	Man L. Browne	Date 8/20/2012
Full name:	ALAN L. BROWNE	
Residence:	GROSSE POINTE, MICHIGAN	
Inventor's signature		Date
Full name:	PETER MAXWELL SAROSI	
Residence:	FERNDALE, MICHIGAN	
Inventor's signature	Tal WH	Date <u>08 - 20 - 20 12</u>
Full name:	PAUL W. ALEXANDER	

Residence: YPSILANTI, MICHIGAN

P019224-RD-SDJ, Page 2

Inventor's signature		Date
Full name:	NANCY L. JOHNSON	
Residence:	NORTHVILLE, MICHIGAN	
Inventor's signature		Date
Full name:	ALAN L. BROWNE	
Residence:	GROSSE POINTE, MICHIGAN	
Inventor's signature		Date 8/24/12
Full name:	PETER MAXWELL SAROSI	/ /
Residence:	FERNDALE, MICHIGAN	
Inventor's signature		Date
Full name :	PAUL W. ALEXANDER	
Residence:	YPSILANTI, MICHIGAN	

PATENT REEL: 028880 FRAME: 0477

RECORDED: 08/31/2012