

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hsing Hua Fan</td> <td>04/09/2010</td> </tr> <tr> <td>Timothy M. Burns</td> <td>04/09/2010</td> </tr> </tbody> </table>		Name	Execution Date	Hsing Hua Fan	04/09/2010	Timothy M. Burns	04/09/2010
Name	Execution Date						
Hsing Hua Fan	04/09/2010						
Timothy M. Burns	04/09/2010						
RECEIVING PARTY DATA							
Name:	Magna Powertrain of America, Inc.						
Street Address:	1775 Research Drive						
City:	Troy						
State/Country:	MICHIGAN						
Postal Code:	48083						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12786678</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12786678		
Property Type	Number						
Application Number:	12786678						
CORRESPONDENCE DATA							
Fax Number:	(248)641-0270						
Phone:	(248) 641-1600						
Email:	kklaty@hdp.com						
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>							
Correspondent Name:	HARNESS, DICKEY & PIERCE, P.L.C.						
Address Line 1:	P.O. BOX 828						
Address Line 4:	BLOOMFIELD HILLS, MICHIGAN 48303						
ATTORNEY DOCKET NUMBER:	6978-000408/US						
NAME OF SUBMITTER:	Philip E. Rettig						
<p>Total Attachments: 4          source=Signed_Assignments#page1.tif          source=Signed_Assignments#page2.tif          source=Signed_Assignments#page3.tif          source=Signed_Assignments#page4.tif</p>							

CH \$40.00 12786678

**ASSIGNMENT**

WHEREAS **FAN, Hsing Hua**, a citizen of Taiwan, and **BURNS, Timothy M.**, a US citizen, whose postal addresses are: 855 Rome, Rochester Hills, Michigan, 48307, USA and 100 Meadow Lane, Elbridge, New York, 13060, USA, respectively, invented a certain new and useful invention relating to:

**Electromagnetic Actuation System With Force Feedback Control Using Piezoelectric Ring**

WHEREAS, **MAGNA POWERTRAIN OF AMERICA, INC.**, a company incorporated under the laws of Delaware, having a place of business at 1775 Research Drive, Troy, Michigan, 48083, USA, is desirous of acquiring the entire and exclusive right, title and interest in and to the said invention, said patent application and in and to any Letters Patent which may be granted and issued therefor in the United States of America, Canada and throughout the world;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, **FAN, Hsing Hua** and **BURNS, Timothy M.** do hereby sell, assign and transfer to **MAGNA POWERTRAIN OF AMERICA, INC.**, its successors and assigns, the entire and exclusive right, title and interest in and to said invention, said patent application, including the right to file priority applications, any improvements thereto, and in and to any Letters Patent, continuations, continuation-in-part, re-issue, re-exam or divisions, which may be granted and issued therefor in the United States of America, Canada and throughout the world;

**FAN, Hsing Hua** and **BURNS, Timothy M.** AGREE to do all things reasonably required of them and to execute all instruments submitted to them by the assignee for carrying out the full intent of this agreement; and **FAN, Hsing Hua** and **BURNS, Timothy M.** hereby request and authorize the Patent Office to issue the said

Letters Patent to MAGNA POWERTRAIN OF AMERICA, INC., its successors and assigns.

1775 Research Drive

EXECUTED at Troy, Michigan, this 09 day of April, 2010  
48083 Hsing-Hua Fann  
FAN, Hsing Hua

EXECUTED at \_\_\_\_\_, this \_\_\_\_ day of \_\_\_\_\_, 2010

\_\_\_\_\_  
BURNS, Timothy M.

STATEMENT BY WITNESS

I, Anthony Capobianco, whose full post office address is 424 W Center St Royal Oak, MI 48067 was personally present and did see FAN, Hsing Hua who is known to me, execute the above Assignment.

[Signature]  
Signature of Witness

STATEMENT BY WITNESS

I, \_\_\_\_\_, whose full post office address is \_\_\_\_\_ was personally present and did see BURNS, Timothy M. who is known to me, execute the above Assignment.

\_\_\_\_\_  
Signature of Witness

## ASSIGNMENT

WHEREAS **FAN, Hsing Hua**, a citizen of Taiwan, and **BURNS, Timothy M.**, a US citizen, whose postal addresses are: 855 Rome, Rochester Hills, Michigan, 48307, USA and 100 Meadow Lane, Elbridge, New York, 13060, USA, respectively, invented a certain new and useful invention relating to:

### **Electromagnetic Actuation System With Force Feedback Control Using Piezoelectric Ring**

WHEREAS, **MAGNA POWERTRAIN OF AMERICA, INC.**, a company incorporated under the laws of Delaware, having a place of business at 1775 Research Drive, Troy, Michigan, 48083, USA, is desirous of acquiring the entire and exclusive right, title and interest in and to the said invention, said patent application and in and to any Letters Patent which may be granted and issued therefor in the United States of America, Canada and throughout the world;

**NOW THEREFORE**, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, **FAN, Hsing Hua** and **BURNS, Timothy M.** do hereby sell, assign and transfer to **MAGNA POWERTRAIN OF AMERICA, INC.**, its successors and assigns, the entire and exclusive right, title and interest in and to said invention, said patent application, including the right to file priority applications, any improvements thereto, and in and to any Letters Patent, continuations, continuation-in-part, re-issue, re-exam or divisions, which may be granted and issued therefor in the United States of America, Canada and throughout the world;

**FAN, Hsing Hua** and **BURNS, Timothy M.** **AGREE** to do all things reasonably required of them and to execute all instruments submitted to them by the assignee for carrying out the full intent of this agreement; and **FAN, Hsing Hua** and **BURNS, Timothy M.** hereby request and authorize the Patent Office to issue the said

Letters Patent to **MAGNA POWERTRAIN OF AMERICA, INC.**, its successors and assigns.

EXECUTED at \_\_\_\_\_, this \_\_\_\_ day of \_\_\_\_\_, 2010

\_\_\_\_\_  
**FAN, Hsing Hua**

EXECUTED at New Process Geneva, this 9 day of April, 2010

\_\_\_\_\_  
**BURNS, Timothy M.**

**STATEMENT BY WITNESS**

I, \_\_\_\_\_, whose full post office address is \_\_\_\_\_ was personally present and did see **FAN, Hsing Hua** who is known to me, execute the above Assignment.

\_\_\_\_\_  
Signature of Witness

**STATEMENT BY WITNESS**

I, Joseph Wrobel, whose full post office address is 4329 Loveland Dr., Liverpool, NY was personally present and did see **BURNS, Timothy M.** who is known to me, execute the above Assignment.

\_\_\_\_\_  
Signature of Witness