

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>Clint T. Apland</td> <td>08/07/2012</td> </tr> <tr> <td>David R. Weir</td> <td>08/07/2012</td> </tr> <tr> <td>David F. Persons</td> <td>08/07/2012</td> </tr> <tr> <td>Michael T. Marley</td> <td>08/07/2012</td> </tr> </tbody> </table>		Name	Execution Date	Clint T. Apland	08/07/2012	David R. Weir	08/07/2012	David F. Persons	08/07/2012	Michael T. Marley	08/07/2012
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Clint T. Apland	08/07/2012										
David R. Weir	08/07/2012										
David F. Persons	08/07/2012										
Michael T. Marley	08/07/2012										
RECEIVING PARTY DATA											
Name:	The Johns Hopkins University										
Street Address:	34th and Charles Street										
City:	Baltimore										
State/Country:	MARYLAND										
Postal Code:	21218										
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>13587150</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13587150						
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Application Number:	13587150										
CORRESPONDENCE DATA											
Fax Number:	2402285254										
Phone:	240-228-4386										
Email:	Eileen.Sorensen@jhuapl.edu										
<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:	Noah J. Hayward										
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Address Line 4:	Laurel, MARYLAND 20723-6099										
ATTORNEY DOCKET NUMBER:	3089-SPL										
NAME OF SUBMITTER:	Noah J. Hayward										
Total Attachments: 3 source=3089-SPLAssign#page1.tif source=3089-SPLAssign#page2.tif source=3089-SPLAssign#page3.tif											

CH \$40.00 13587150

ASSIGNMENT

WHEREAS, Clint T. Apland, David R. Weir, David F. Persons, and Michael T. Marley, hereinafter referred to as the ASSIGNORS, have made an invention as described in a United States patent application no. 13/587,150, filed August 16, 2012 entitled:

Release Actuator Employing Components with Different Coefficients of Thermal Expansion

WHEREAS, The Johns Hopkins University, a corporation organized and existing under the laws of the State of Maryland and having its principal place of business at Baltimore, Maryland, hereinafter referred to as the ASSIGNEE, desires to acquire an interest therein;

NOW, THEREFORE, in consideration of their employment by ASSIGNEE, the ASSIGNORS do hereby sell, assign and transfer to the ASSIGNEE the entire right, title and interest in and to said invention in the United States and its territories and possessions and in all foreign countries and the entire right, title and interest in and to said international application and any substitutions, divisions, continuations, or continuations-in-part based upon said application, and in and to any and all Letters Patent, whether original or reissue, which may be granted for said invention in the United States and its territories and possessions and in any and all foreign countries, the invention, said patent application, and any and all such patents to be held and enjoyed by the ASSIGNEE for its own use and benefit and for its legal representatives as fully and entirely as the same would have been held by the ASSIGNORS had this agreement not been made.

THE ASSIGNORS here further agree to make, execute, and deliver to the ASSIGNEE, its successors, assigns, and legal representatives, upon request but at the expense of the ASSIGNEE, any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the aforesaid application, and of any United States or foreign applications, and of any substitutions, divisions, continuations, or continuations-in-part of said application, or applications for reissues of said Letters Patents, and to aid the ASSIGNEE, its successors, assigns, and legal representatives in every way in protecting the said invention as may be requested, provided, however that they shall not have to pay any expenses arising from extending such assistance.

THE ASSIGNORS hereby covenant that they have the right to grant the foregoing assignment.

[Signature] SEAL 8/7/12 DATE
Clint T. Apland

STATE OF MARYLAND
COUNTY OF Anne Arundel

On this 7th day of AUGUST, 2012, before me, the undersigned officer, personally appeared the above-named Clint T. Apland, known to me or satisfactorily proven to be the person whose name is subscribed to within the instrument and acknowledged that he executed the same for the purpose therein contained.

In witness hereof I hereunto set my hand and official seal.

EILEEN M. SORENSEN
NOTARY PUBLIC
ANNE ARUNDEL COUNTY
MARYLAND
MY COMM. EXP. 1-14-2016

[Signature]
Signature

EILEEN M. SORENSEN
Printed Name

Notary Public
My Commission expires 1-14-2016

[Signature] SEAL 8/7/12 DATE
David R. Weir

STATE OF MARYLAND
COUNTY OF Anne Arundel

On this 7th day of AUGUST, 2012, before me, the undersigned officer, personally appeared the above-named David R. Weir, known to me or satisfactorily proven to be the person whose name is subscribed to within the instrument and acknowledged that he executed the same for the purpose therein contained.

In witness hereof I hereunto set my hand and official seal.

EILEEN M. SORENSEN
NOTARY PUBLIC
ANNE ARUNDEL COUNTY
MARYLAND
MY COMM. EXP. 1-14-2016

[Signature]
Signature

EILEEN M. SORENSEN
Printed Name

Notary Public
My Commission expires 1-14-2016

David F. Persons SEAL 8/7/12 DATE
David F. Persons

STATE OF MARYLAND
COUNTY OF Anne Arundel

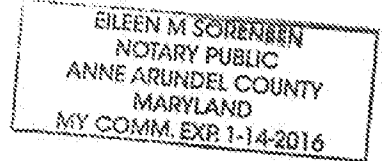
On this 7th day of August, 2012, before me, the undersigned officer, personally appeared the above-named David F. Persons, known to me or satisfactorily proven to be the person whose name is subscribed to within the instrument and acknowledged that he executed the same for the purpose therein contained.

In witness hereof I hereunto set my hand and official seal.

Eileen M. Sorensen
Signature

EILEEN M. SORENSEN
Printed Name

Notary Public
My Commission expires 1-14-2016



Michael T. Marley SEAL 8/7/12 DATE
Michael T. Marley

STATE OF MARYLAND
COUNTY OF Anne Arundel

On this 7th day of August, 2012, before me, the undersigned officer, personally appeared the above-named Michael T. Marley, known to me or satisfactorily proven to be the person whose name is subscribed to within the instrument and acknowledged that he executed the same for the purpose therein contained.

In witness hereof I hereunto set my hand and official seal.

Eileen M. Sorensen
Signature

EILEEN M. SORENSEN
Printed Name

Notary Public
My Commission expires 1-14-2016

