

PATENT ASSIGNMENT

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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>Josiah Rosmarin</td> <td>05/02/2012</td> </tr> <tr> <td>Ben Berkowitz</td> <td>05/07/2012</td> </tr> </tbody> </table>		Name	Execution Date	Josiah Rosmarin	05/02/2012	Ben Berkowitz	05/07/2012				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Heartland Robotics</td> </tr> <tr> <td>Street Address:</td> <td>27-43 Wormwood Street</td> </tr> <tr> <td>City:</td> <td>Boston</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02110</td> </tr> </table>		Name:	Heartland Robotics	Street Address:	27-43 Wormwood Street	City:	Boston	State/Country:	MASSACHUSETTS	Postal Code:	02110
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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>13446564</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13446564						
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Application Number:	13446564										
CORRESPONDENCE DATA											
Fax Number:	(202)373-6001										
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Correspondent Name:	Yi-Chia Lin/Bingham McCutchen LLP										
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ATTORNEY DOCKET NUMBER:	HRT-005/7310752001										
NAME OF SUBMITTER:	Yi-Chia Lin										
<p>Total Attachments: 3 source=HRT_005_ASSIGNMENT#page1.tif source=HRT_005_ASSIGNMENT#page2.tif source=HRT_005_ASSIGNMENT#page3.tif</p>											

CH \$40.00 13446564

PATENT

PATENT APPLICATION
Assignment

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, co-inventors:

JOSIAH ROSMARIN and BEN BERKOWITZ

Who has created a certain invention for which an application for United States Letters Patent entitled: **"FLEXURE ELEMENTS FOR SERIES ELASTIC ACTUATORS AND RELATED METHODS"** filed at the U.S. Patent and Trademark Office on **April 13, 2012** and assigned U.S. Patent Application Serial No. **13/446,564**.

Do hereby sell, assign and transfer to **Heartland Robotics, Inc.**, a corporation, having a place of business at **27-43 Wormwood Street, Boston, MA 02110**, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possession and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, act, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Agree that **Heartland Robotics, Inc.** hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, successors, assigns, or legal representatives; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same has herein expressed is possessed by the undersigned.

IN THE TESTIMONY WHEREOF I have hereunto set my signature on the date indicated below.

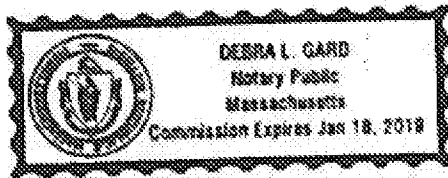


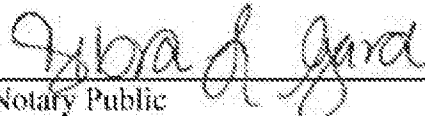
Josiah Rosmarin

Date: 5.2.2012

United States of America
State of Massachusetts ss.:
County of Suffolk

On this 2nd day of May, 2012, before me personally came Josiah Rosmarin, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.





Notary Public

IN THE TESTIMONY WHEREOF I have hereunto set my signature on the date indicated below.

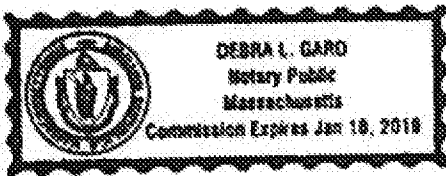


Ben Berkowitz

Date: 5.7.2012

United States of America)
State of Massachusetts) ss.:
County of Suffolk)

On this 7th day of May, 2012, before me personally came Ben Berkowitz, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.





Notary Public