

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT4851419

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PETER HAHN	10/06/2013
KUEN CHEE EE	10/08/2013
LONG ZHANG	10/08/2013
RECEIVING PARTY DATA	
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State/Country:	CALIFORNIA
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15912042
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NAME OF SUBMITTER:	CHRISTOPHER M. MOONEY
SIGNATURE:	/Christopher M. Mooney/
DATE SIGNED:	03/05/2018
Total Attachments: 3	
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ASSIGNMENT

WHEREAS, We: **Peter Hahn** of Thailand; **Kuen Chee Ee** of Chino, California; and **Long Zhang** of Murrieta, California (“Assignors”) have invented a new and useful method of **Assembly of DSA Suspensions Using Microactuators with Partially Cured Adhesive, and DSA Suspensions Having PZTs with Wrap-Around Electrodes**, for which an application for Letters Patent of the United States

is being filed concurrently herewith
 was filed on October 3, 2013 as Application Serial No. 14/045,773

WHEREAS we believe that we are the original, first, and joint inventors of the invention disclosed and claimed in said application for Letters Patent;

WHEREAS, **MAGNECOMP CORPORATION**, a California corporation having a place of business at 38975 Sky Canyon Drive, Suite 111, Murrieta, California 92563, and who, together with its successors and assigns (“Assignee”) desires to acquire by formal, recordable assignment the entire right, title and interest in and to said invention, said application, and any Letters Patent that may be granted for said invention in the United States and throughout the world;

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which are hereby acknowledged, we hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said application for Letters Patent of the United States, including all claims, if any, for infringement prior to the date of this assignment, the inventions and discoveries described therein, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.

2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance.

5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the

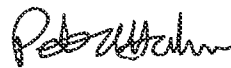
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facts of our conception, disclosures, and reduction to practice of said inventions and discoveries; and to testify as to the same in any interference or other litigation.

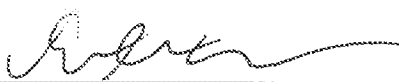
Assignors:

Date: October 6, 2013



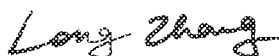
Peter Hahn

Date: 10/8, 2013



Kuen Chee Ee

Date: Oct. 08, 2013



Long Zhang