

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3098502

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	WARREN OLIVER	10/30/2014
	JOHN SWINDEMAN	10/30/2014
	MICHAEL DRAKE	10/30/2014
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	NANOMECHANICS, INC.	
<b>Street Address:</b>	105 MECO LANE	
<b>City:</b>	OAK RIDGE	
<b>State/Country:</b>	TENNESSEE	
<b>Postal Code:</b>	37830	
<b>PROPERTY NUMBERS Total: 2</b>		
	<b>Property Type</b>	<b>Number</b>
	<b>Application Number:</b>	61611187
	<b>PCT Number:</b>	US2013031850
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(865)523-4478	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
<b>Phone:</b>	8655464305	
<b>Email:</b>	cwilliams@Luedeka.com	
<b>Correspondent Name:</b>	MARK P. CROCKETT	
<b>Address Line 1:</b>	P.O. BOX 1871	
<b>Address Line 4:</b>	KNOXVILLE, TENNESSEE 37901	
<b>ATTORNEY DOCKET NUMBER:</b>	69307.PV/69307.W1	
<b>NAME OF SUBMITTER:</b>	MARK P. CROCKETT	
<b>SIGNATURE:</b>	/MarkPCrockett/	
<b>DATE SIGNED:</b>	11/07/2014	
<b>Total Attachments: 2</b>		
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source=67808pv-temp-20141107-AssignmentFullyExecuted#page2.tif		


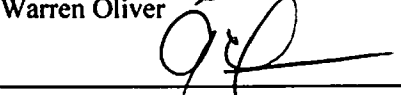
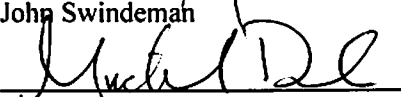
## Assignment

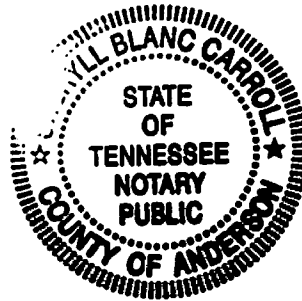
We, **Warren Oliver**, a citizen of the United States, having a mailing address of 11333 Freels Bend Point, Knoxville, TN 37931, **John Swindeman**, a citizen of the United States, having a mailing address of 6748 Timber Run Lane, Knoxville, TN 37918, and **Michael Drake**, a citizen of the United States, having a mailing address of 1421 Paxton Drive, Knoxville, TN 37918, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to **Nanomechanics, Inc.**, having its principal place of business at 105 Meco Lane, Oak Ridge, TN 37830, its successors, assigns and legal representatives, the entire right, title and interest throughout the world in and to all subject matter invented by us and disclosed in the application identified below:

Title	Electromechanical Actuator to Reduce Heating Effects
Application No.	61/611,187
Filing Date	March 15, 2012

Title	Electromechanical Actuator to Reduce Heating Effects
Application No.	PCT/US2013/031850
Filing Date	March 15, 2013

and in and to all Letters Patent and all Convention and treaty rights of all kinds, in all countries throughout the world, for all such subject matter. We agree to sign all papers necessary to secure all said Letters Patent to the above assignee in accordance with the Assignment.

<u>10/30/14</u> Date of Execution of Assignment	 Warren Oliver
<u>10/30/14</u> Date of Execution of Assignment	 John Swindeman
<u>10-30-14</u> Date of Execution of Assignment	 Michael Drake



STATE OF TENNESSEE

COUNTY OF ANDERSON

I hereby certify that before me appeared, **Warren Oliver**, personally known by me, who then and there was duly sworn by me, and under oath acknowledged that the foregoing assignment was duly signed, sealed and delivered by him on the date appearing at the foot thereof.

Date: 10/30/2014

Sheryll Blanc Carroll  
Notary Public

My Commission Expires: February 25, 2017

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STATE OF TENNESSEE

COUNTY OF ANDERSON

I hereby certify that before me appeared, **John Swindeman**, personally known by me, who then and there was duly sworn by me, and under oath acknowledged that the foregoing assignment was duly signed, sealed and delivered by him on the date appearing at the foot thereof.

Date: 10/30/2014

Sheryll Blanc Carroll  
Notary Public

My Commission Expires: February 25, 2017

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STATE OF TENNESSEE

COUNTY OF ANDERSON

I hereby certify that before me appeared **Michael Drake** personally known by me, who then and there was duly sworn by me, and under oath acknowledged that the foregoing assignment was duly signed, sealed and delivered by him on the date appearing at the foot thereof.

Date: 10/30/2014

Sheryll Blanc Carroll  
Notary Public

My Commission Expires: February 25, 2017

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