

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>Thomas A. Dow</td> <td>01/16/2013</td> </tr> <tr> <td>Kenneth P. Garrard</td> <td>01/16/2013</td> </tr> <tr> <td>Zachary Marston</td> <td>01/14/2013</td> </tr> </tbody> </table>		Name	Execution Date	Thomas A. Dow	01/16/2013	Kenneth P. Garrard	01/16/2013	Zachary Marston	01/14/2013		
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<table border="1"> <tr> <td>Name:</td> <td>NORTH CAROLINA STATE UNIVERSITY</td> </tr> <tr> <td>Street Address:</td> <td>Campus Box 8210</td> </tr> <tr> <td>City:</td> <td>Raleigh</td> </tr> <tr> <td>State/Country:</td> <td>NORTH CAROLINA</td> </tr> <tr> <td>Postal Code:</td> <td>27695</td> </tr> </table>		Name:	NORTH CAROLINA STATE UNIVERSITY	Street Address:	Campus Box 8210	City:	Raleigh	State/Country:	NORTH CAROLINA	Postal Code:	27695
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 7043669744 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 704-790-3600 Email: bbrown@worldpatents.com</p> <p>Correspondent Name: Clements Bernard PLLC Address Line 1: 1901 Roxborough Road Address Line 2: Suite 250 Address Line 4: Charlotte, NORTH CAROLINA 28211</p>											
ATTORNEY DOCKET NUMBER:	2130/NC STATE UNIVERSITY										
NAME OF SUBMITTER:	Christopher L. Bernard										
<p>Total Attachments: 2 source=2130_Assignment_NCSTATE#page1.tif source=2130_Assignment_NCSTATE#page2.tif</p>											

OP \$40.00 13746201

ASSIGNMENT

WHEREAS, THOMAS A. DOW, KENNETH P. GARRARD, AND ZACHARY MARSTON (hereinafter referred to as "ASSIGNORS") have invented certain new and useful improvements in an invention entitled:

**TRANSDUCER-ACTUATOR SYSTEMS AND METHODS FOR PERFORMING
ON-MACHINE MEASUREMENTS AND AUTOMATIC PART ALIGNMENT**

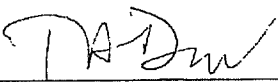

for which U.S. Patent Application No. 13/746,201 was filed on 01/21/2013.

WHEREAS, NORTH CAROLINA STATE UNIVERSITY, Campus Box 8210, Raleigh, NC 27695 USA (hereinafter referred to as "ASSIGNEE") desirous of acquiring the entire right, title, and interest in and to said invention, and in and to said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, in accordance with obligations entered into pursuant to an Employment Agreement or other agreement and/or for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS hereby sell, transfer and assign to said ASSIGNEE, and to ASSIGNEE'S successors and assigns, ASSIGNORS' entire right, title, and interest in and to said invention and improvements invented and originated by ASSIGNORS in the United States and its territorial possessions and in any and all foreign countries and to all Letters Patent or similar legal protections in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any application claiming priority to/from the application, or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension, or reissue thereof or any legal equivalent thereof in a foreign country for the full term(s) for which the same may be granted; and authorize and request the Commissioner for Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereof, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention, said application, and said Letters Patent and legal equivalents thereof in foreign countries as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments, or affidavits required to apply for, obtain, maintain, issue, and/or enforce said invention, said application, and said Letters Patent and legal equivalents thereof in foreign countries which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have hereunto set hand and signed on the date indicated below:

	Date: <u>1/16/13</u>
Thomas A. DOW	
	Date: <u>1/16/2013</u>
Kenneth P. GARRARD	
_____	Date: _____
Zachary MARSTON	

ASSIGNMENT

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for which U.S. Patent Application No. _____ was filed on _____.

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IN WITNESS WHEREOF, I have hereunto set hand and signed on the date indicated below:

Thomas A. DOW

Date: _____

Kenneth P. GARRARD

Date: _____


Zachary MARSTON

Date: Jan 14, 2013