

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3962067

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MARK R. JOLLY	01/04/2016
DANIEL KAKALEY	01/04/2016
GREGORY FRICKE	01/04/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LORD CORPORATION
<b>Street Address:</b>	111 LORD DRIVE
<b>City:</b>	CARY
<b>State/Country:</b>	NORTH CAROLINA
<b>Postal Code:</b>	27511
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15111617
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(919)469-5226
<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>	919-468-5980
<b>Email:</b>	lakeisha.preddie@lord.com
<b>Correspondent Name:</b>	LORD CORPORATION
<b>Address Line 1:</b>	111 LORD DRIVE
<b>Address Line 2:</b>	PATENT & LEGAL SERVICES
<b>Address Line 4:</b>	CARY, NORTH CAROLINA 27511
<b>ATTORNEY DOCKET NUMBER:</b>	IR-5136
<b>NAME OF SUBMITTER:</b>	RICHARD G. MILLER
<b>SIGNATURE:</b>	/Richard G. Miller, Reg. No. 59,447/
<b>DATE SIGNED:</b>	07/14/2016
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 3</b>	
source=160104-ExecutedDECASG-IR5136#page1.tif	
source=160104-ExecutedDECASG-IR5136#page2.tif	



**DECLARATION AND ASSIGNMENT FOR PATENT APPLICATIONS**

WHEREAS, **Mark R. Jolly, Daniel Kakaley and Gregory Fricke**, hereinafter referred to as "ASSIGNORS", have invented and are the owners of an invention entitled "HUB- BASED ACTIVE VIBRATION CONTROL SYSTEMS, DEVICES, AND METHODS WITH OFFSET IMBALANCED ROTORS," said invention being fully set forth and described in the United States Application Number or PCT International Application Number PCT/US15/11594, filed on January 15, 2015, which has been prepared in connection with said invention;

WHEREAS, LORD CORPORATION, a corporation organized and existing under and by virtue of the laws of the Commonwealth of Pennsylvania, and engaged in business at 111 Lord Drive, Cary, North Carolina 27511, hereinafter referred to as ASSIGNEE, is desirous of acquiring said invention and any and all applications for Letters Patent and any and all Letters Patent of the United States and foreign countries which may be issued therefor;

NOW THEREFORE, be it known that for valuable consideration, we have sold and by these presents do hereby sell, assign, transfer and convey unto said assignee, its successors and assigns, the entire right, title and interest in and to said invention and application, and in and to any and all provisional applications, non-provisional applications, continuations, continuations-in-part, or divisions thereof, and in and to all Letters Patent of the United States and all foreign countries or reissues and reexaminations thereof which may be granted thereof or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby covenant and agree that, at the same time of execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment. The above identified application was made or was authorized to be made by the person executing this oath/declaration. We believe that we are the original inventors or an original joint inventor of a claimed invention in

the application. We have reviewed and understand the contents of the above referenced application and we are aware of the duty of disclosure under Rule 1.56. We hereby acknowledge that any willful false statements made in this declaration are punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five (5) years, or both.”

We further covenant and agree and bind our heirs, legal representatives and assigns, promptly to communicate to said assignee and its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors or assigns to secure patent or similar protection for said invention in all countries and to vest in the assignee complete title to said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns and other legal representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

Mark R. Jolly  
Mark R. Jolly

1/4/2016  
Date

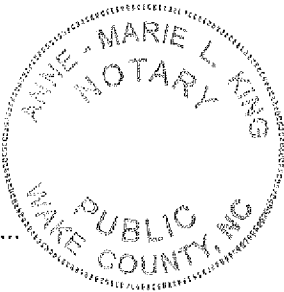
**Notarial Certificate**

State of NORTH CAROLINA :  
County of WAKE : ss.

I, ANNE-MARIE L. KING, a Notary Public for WAKE County, NC, do hereby certify that **Mark R. Jolly** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 4<sup>th</sup> day of JANUARY, 2016.

Anne-Marie L. King  
Notary Public



My commission expires FEBRUARY 27, 2018

*Signatures Continued on Following Page...*

Daniel Kakaley  
Daniel Kakaley

1/4/2016  
Date

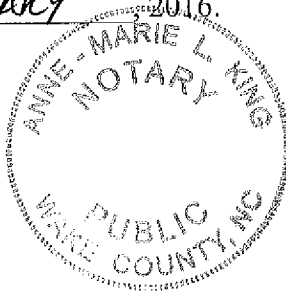
Notarial Certificate

State of NORTH CAROLINA :  
: ss.  
County of WAKE :

I, ANNE-MARIE L KING, a Notary Public for WAKE County, NC, do hereby certify that **Daniel Kakaley** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 4<sup>TH</sup> day of JANUARY, 2016.

Anne-Marie L King  
Notary Public



My commission expires FEBRUARY 27, 2018.

Gregory K. Fricke  
Gregory Fricke

01/04/2016  
Date

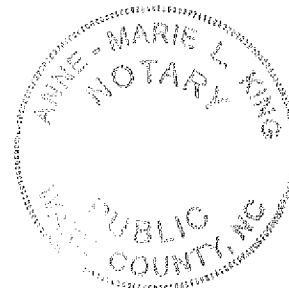
Notarial Certificate

State of NORTH CAROLINA :  
: ss.  
County of WAKE :

I, ANNE-MARIE L KING, a Notary Public for WAKE County, NC, do hereby certify that **Gregory Fricke** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 4<sup>TH</sup> day of JANUARY, 2016.

Anne-Marie L King  
Notary Public



My commission expires FEBRUARY 27, 2018.