

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Mark R. Jolly</td> <td>03/02/2012</td> </tr> <tr> <td>Zachary R. Fuhrer</td> <td>02/13/2012</td> </tr> <tr> <td>Robert Fogle</td> <td>02/16/2012</td> </tr> <tr> <td>David M. Catanzarite</td> <td>05/22/2012</td> </tr> </tbody> </table>		Name	Execution Date	Mark R. Jolly	03/02/2012	Zachary R. Fuhrer	02/13/2012	Robert Fogle	02/16/2012	David M. Catanzarite	05/22/2012
Name	Execution Date										
Mark R. Jolly	03/02/2012										
Zachary R. Fuhrer	02/13/2012										
Robert Fogle	02/16/2012										
David M. Catanzarite	05/22/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>LORD CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>111 LORD DRIVE</td> </tr> <tr> <td>City:</td> <td>CARY</td> </tr> <tr> <td>State/Country:</td> <td>NORTH CAROLINA</td> </tr> <tr> <td>Postal Code:</td> <td>27511</td> </tr> </table>		Name:	LORD CORPORATION	Street Address:	111 LORD DRIVE	City:	CARY	State/Country:	NORTH CAROLINA	Postal Code:	27511
Name:	LORD CORPORATION										
Street Address:	111 LORD DRIVE										
City:	CARY										
State/Country:	NORTH CAROLINA										
Postal Code:	27511										
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>13439980</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13439980						
Property Type	Number										
Application Number:	13439980										
CORRESPONDENCE DATA											
<p>Fax Number: (919)469-5226</p> <p>Email: shannon.ralich@lord.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: LORD CORPORATION</p> <p>Address Line 1: 111 LORD DRIVE</p> <p>Address Line 4: CARY, NORTH CAROLINA 27511</p>											
ATTORNEY DOCKET NUMBER:	IR-3865										
NAME OF SUBMITTER:	Richard G. Miller										
<p>Total Attachments: 11</p> <p>source=Assignment-IR3865#page1.tif</p>											

CH \$40.00 13439980

source=Assignment-IR3865#page2.tif
source=Assignment-IR3865#page3.tif
source=Assignment-IR3865#page4.tif
source=Assignment-IR3865#page5.tif
source=Assignment-IR3865#page6.tif
source=Assignment-IR3865#page7.tif
source=Assignment-IR3865#page8.tif
source=Assignment-IR3865#page9.tif
source=Assignment-IR3865#page10.tif
source=Assignment-IR3865#page11.tif

ASSIGNMENT

WHEREAS, Mark R. Jolly, Zachary R. Fuhrer, Robert Fogle, hereinafter referred to as "ASSIGNORS", have invented and are the owners of an invention entitled "AIRCRAFT ROTARY WING MOTION CONTROL AND INSTRUMENTED MOTION CONTROL FLUID DEVICE," said invention being fully set forth and described in the U.S. provisional application serial number 61/473,021, filed April 7, 2011, 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.

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

March 2 2012
 Date

Notarial Certificate

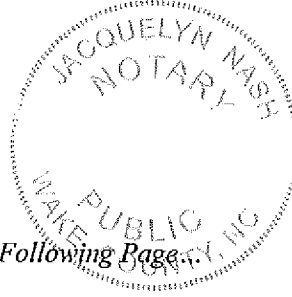
State of NORTH CAROLINA :
 : ss.
 County of WAKE :

I, Jacquelyn Nash, a Notary Public for WAKE County, NORTH CAROLINA, 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 2nd day of MARCH, 2012.

Jacquelyn Nash
 Notary Public

My commission expires 1-24-2016.



Signatures Continued on Following Page.

Date _____

Notarial Certificate

State of _____ :
County of _____ : ss.
_____ :

I, _____, a Notary Public for _____ County,
_____, do hereby certify that **Zachary R. Fuhrer** personally appeared before me
this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the ____ day of _____, 2012.

Notary Public

My commission expires _____.

Robert Fogle

Date

Notarial Certificate

State of _____ :
County of _____ : ss.

I, _____, a Notary Public for _____ County,
_____, do hereby certify that **Robert Fogle** personally appeared before me this
day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the ____ day of _____, 2012.

Notary Public

My commission expires _____

ASSIGNMENT

WHEREAS, Mark R. Jolly, Zachary R. Fuhrer, Robert Fogle, hereinafter referred to as "ASSIGNORS", have invented and are the owners of an invention entitled "AIRCRAFT ROTARY WING MOTION CONTROL AND INSTRUMENTED MOTION CONTROL FLUID DEVICE," said invention being fully set forth and described in the U.S. provisional application serial number 61/473,021, filed April 7, 2011, 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.

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

Date

Notarial Certificate

State of _____ :
County of _____ : ss.

I, _____, a Notary Public for _____ County, _____, 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 ____ day of _____, 2012.

Notary Public

My commission expires _____.

Signatures Continued on Following Page...

Notarial Seal
Pamela J. Forbes, Notary Public
City of Erie, Erie County
My Commission Expires November 1, 2012

ASSIGNMENT

WHEREAS, Mark R. Jolly, Zachary R. Fuhrer, Robert Fogle, hereinafter referred to as "ASSIGNORS", have invented and are the owners of an invention entitled "AIRCRAFT ROTARY WING MOTION CONTROL AND INSTRUMENTED MOTION CONTROL FLUID DEVICE," said invention being fully set forth and described in the U.S. provisional application serial number 61/473,021, filed April 7, 2011, 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.

Zachary R. Fuhrer

Date _____

Notarial Certificate


State of _____ :
County of _____ : ss.

I, _____, a Notary Public for _____ County, _____, do hereby certify that **Zachary R. Fuhrer** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2012.

Notary Public

My commission expires _____


Robert Fogle

2-16-2012
Date

Notarial Certificate

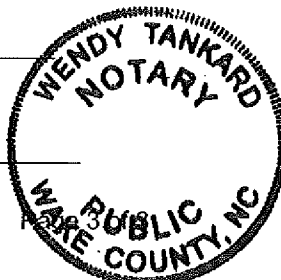
State of North Carolina :
County of Wake : SS.

I, Wendy Tankard, a Notary Public for Wake County, NC, do hereby certify that **Robert Fogle** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 16th day of February, 2012.

Wendy Saukard
Notary Public

My commission expires 10/20/14



ASSIGNMENT

WHEREAS, David M. Catanzarite, hereinafter referred to as "ASSIGNOR", has invented and is one of the owners of an invention entitled "AIRCRAFT ROTARY WING MOTION CONTROL AND INSTRUMENTED MOTION CONTROL FLUID DEVICE," said invention being fully set forth and described in the U.S. non-provisional application serial number 13/439,980, filed April 5, 2012, 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;

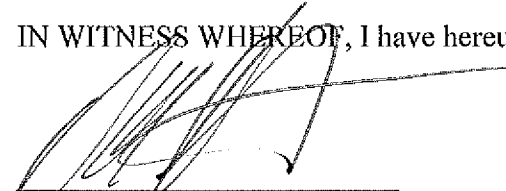
NOW THEREFORE, be it known that for valuable consideration, I have sold and by these presents do hereby sell, assign, transfer and convey unto said assignee, its successors and assigns, the entire right, title and interest in and to said invention and application, and in and to any and all provisional 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.

I hereby covenant and agree that, at the same time of execution and delivery of these presents, I possess full title to the invention and application above-mentioned, and that I have the unencumbered right and authority to make this assignment.

I 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 myself

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.


David M. Catanzarite

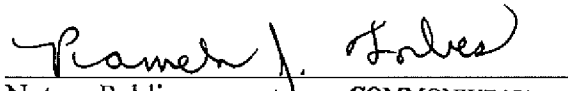
5-22-12
 Date

Notarial Certificate

State of Pennsylvania :
 :
 County of USA : ss.
 :

I, PAMela Forbes, a Notary Public for Erie County, PA, do hereby certify that **David M. Catanzarite** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 22 day of MAY, 2012.


 Notary Public

My commission expires

