

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>Kilsoo Kim</td> <td>04/27/2012</td> </tr> <tr> <td>Tansel Yucelen</td> <td>04/27/2012</td> </tr> <tr> <td>Anthony Calise</td> <td>04/27/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kilsoo Kim	04/27/2012	Tansel Yucelen	04/27/2012	Anthony Calise	04/27/2012
Name	Execution Date								
Kilsoo Kim	04/27/2012								
Tansel Yucelen	04/27/2012								
Anthony Calise	04/27/2012								
RECEIVING PARTY DATA									
Name:	GEORGIA TECH RESEARCH CORPORATION								
Street Address:	505 Tenth Street, N.W.								
City:	Atlanta								
State/Country:	GEORGIA								
Postal Code:	30332								
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>13460663</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13460663				
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Application Number:	13460663								
CORRESPONDENCE DATA									
Fax Number:	(404)962-6571								
Phone:	404.885.3335								
Email:	ben.wiles@troutmansanders.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Benjamin C. Wiles								
Address Line 1:	600 Peachtree Street								
Address Line 2:	Suite 5200								
Address Line 4:	Atlanta, GEORGIA 30308								
ATTORNEY DOCKET NUMBER:	011529.112003								
NAME OF SUBMITTER:	Benjamin C. Wiles								
Total Attachments: 6									

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ASSIGNMENT

WHEREAS, We, **KILSOO KIM, TANSEL YUCELEN, and ANTHONY CALISE** (collectively “ASSIGNOR”), have invented certain improvements in **SYSTEMS AND METHODS FOR PARAMETER DEPENDENT RICCATI EQUATION APPROACHES TO ADAPTIVE CONTROL**, for which a U.S. provisional patent application was filed on 29 April 2011 and assigned U.S. Serial No. 61/480,665, for which a U.S. conventional patent application will be filed, and for which future applications may be filed (collectively referred to herein as the “Application”), and whereas

GEORGIA TECH RESEARCH CORPORATION
505 Tenth Street, N.W.
Atlanta, Georgia 30332-0415
United States

(“ASSIGNEE”) desires to purchase all of ASSIGNOR’s rights in same;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations paid by the said ASSIGNEE, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has and by these presents does hereby sell, assign, transfer and convey unto said ASSIGNEE all of ASSIGNOR’s rights, title, and interest in and to said Application, including in and to any conventional, division, continuation, continuation-in-part, substitution, reissue, renewal, reexam, continued prosecution application (“CPA”), or request for continued examination (“RCE”) thereof, and in and to all inventions and improvements thereon (herein collectively referred to as “Related US Applications”), preparatory to obtaining Letters Patent of the United States therefore; and ASSIGNOR hereby requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said Application and Related US Applications, to ASSIGNEE, for its interest and for the sole use and benefit of ASSIGNEE and its assigns and legal representatives.

For the same consideration, ASSIGNOR, by these presents does sell, assign, and transfer to ASSIGNEE all of ASSIGNOR’s rights, title and interest in and to any foreign and international applications related to and/or seeking benefit of said Application and Related US Applications, and in and to all inventions and improvements thereon (herein collectively referred to as “Related Foreign Applications”), in and to any Letters Patent and similar protective rights granted on said Related Foreign Applications, and in and to the right to claim any applicable priority rights arising from or required for said Related Foreign Applications under the terms of any applicable conventions, treaties, statutes, or regulations, said Related Foreign Applications to be filed and issued in the name of ASSIGNEE or its designee, insofar as permitted by applicable law.

For the same consideration, ASSIGNOR agrees, without charge to ASSIGNEE, but at ASSIGNEE’S expense, to sign all lawful papers, execute said Application, Related US Applications and Related Foreign Applications, make all assignments and rightful oaths, assist in prosecution of said Application, Related US Applications and Related Foreign Applications, assist in prosecution of legal proceedings, and generally do everything reasonably possible to aid ASSIGNEE its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

AND, for the same consideration, ASSIGNOR also hereby sells, assigns and transfers unto ASSIGNEE all of ASSIGNOR's rights and claims to sue for damages and other remedies with respect to any and all past infringement of all said Application, Related US Applications, and Related Foreign Applications, including said inventions and improvements which may have occurred before the date of this Assignment.

Signature pages follow.

Assignment to GEORGIA TECH RESEARCH CORPORATION

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 27 day of April, 2012.

[Signature]
KILSOO KIM (SEAL)

Witnessed by: [Signature]
Signature

Date: April 27, 2012

Bosung Kim
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: April 27, 2012

Sehwan Oh
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

IN WITNESS WHEREOF, I have hereunto set my hand and seal this _____ day of _____, 2012.

KILSOO KIM (SEAL)

State of _____

County of _____

On this _____ day of _____, 2012, before me, a notary public, came to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.

NOTARY PUBLIC

(SEAL)

My Commission Expires:

Assignment to GEORGIA TECH RESEARCH CORPORATION

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 27 day of April, 2012.

Tansel Yucele (SEAL)
TANSEL YUCELEN

Witnessed by: C. Grant
Signature

Date: 4/27/2012

Claus Christmann
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 4/27/2012

Eric N Johnson
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

IN WITNESS WHEREOF, I have hereunto set my hand and seal this _____ day of _____, 2012.

(SEAL)
TANSEL YUCELEN

State of _____

County of _____

On this _____ day of _____, 2012, before me, a notary public, came to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.

NOTARY PUBLIC

(SEAL)

My Commission Expires:

Assignment to GEORGIA TECH RESEARCH CORPORATION

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 27th day of April, 2012.

Anthony J. Calise (SEAL)
ANTHONY CALISE

Witnessed by: Anthony Calise
Signature

Date: 4/27/12

John Calise
Printed Name of Witness

Witnessed by: Jill R. Zimmerman-Calise Date: 4-27-12
Signature

Jill R. Zimmerman-Calise
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

IN WITNESS WHEREOF, I have hereunto set my hand and seal this _____ day of _____, 2012.

(SEAL)
ANTHONY CALISE

State of _____

County of _____

On this _____ day of _____, 2012, before me, a notary public, came to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.

NOTARY PUBLIC

(SEAL)

My Commission Expires:

Assignment to GEORGIA TECH RESEARCH CORPORATION

In Witness Whereof, Assignee hereby accepts from Assignor the sale, assignment, transfer and conveyance unto said Assignee of the full, exclusive and entire right, title, and interest in and to said Application, Related US Applications and Related Foreign Applications, by its duly authorized officer this 27 day of April, 2012.

Georgia Tech Research Corporation
(Assignee)

By: [Signature]

Name: Wayne L. Jorke

Title: Authorized Signatory

Witnessed by: [Signature]
Signature

Date: 4-27-12

Kimberly Dunn
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 4/27/12

B. Rene' Osborn
Printed Name of Witness