

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>Fuhan Liu</td> <td>11/26/2012</td> </tr> <tr> <td>Venkatesh Sundaram</td> <td>11/09/2012</td> </tr> <tr> <td>Nitesh Kumbhat</td> <td>11/19/2012</td> </tr> <tr> <td>Rao Tummala</td> <td>10/30/2012</td> </tr> </tbody> </table>		Name	Execution Date	Fuhan Liu	11/26/2012	Venkatesh Sundaram	11/09/2012	Nitesh Kumbhat	11/19/2012	Rao Tummala	10/30/2012
Name	Execution Date										
Fuhan Liu	11/26/2012										
Venkatesh Sundaram	11/09/2012										
Nitesh Kumbhat	11/19/2012										
Rao Tummala	10/30/2012										
RECEIVING PARTY DATA											
Name:	Georgia Tech Research Corporation										
Street Address:	505 Tenth Street, NW										
City:	Atlanta										
State/Country:	GEORGIA										
Postal Code:	30332-0415										
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>13415503</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13415503						
Property Type	Number										
Application Number:	13415503										
CORRESPONDENCE DATA											
Fax Number:	4049626849										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	(404) 885-2773										
Email:	candice.dysart@troutmansanders.com										
Correspondent Name:	Ryan A. Schneider										
Address Line 1:	600 Peachtree Street, NE, Suite 5200										
Address Line 2:	Bank of America Plaza										
Address Line 4:	Atlanta, GEORGIA 30308-2216										
ATTORNEY DOCKET NUMBER:	GTRC5369										
NAME OF SUBMITTER:	Candice P. Dysart										
Signature:	/Candice P. Dysart/										

PATENT

Date:

07/08/2013

Total Attachments: 6

source=GTRC5369 ASSIGNMENT#page1.tif

source=GTRC5369 ASSIGNMENT#page2.tif

source=GTRC5369 ASSIGNMENT#page3.tif

source=GTRC5369 ASSIGNMENT#page4.tif

source=GTRC5369 ASSIGNMENT#page5.tif

source=GTRC5369 ASSIGNMENT#page6.tif

ASSIGNMENT

WHEREAS, We, **Fuhan Liu, Venkatesh Sundaram, Nitesh Kumbhat, and Rao Tummala** (collectively referred to as "ASSIGNOR"), have invented certain improvements in **CHIP-LAST EMBEDDED INTERCONNECT STRUCTURES AND METHODS OF MAKING THE SAME**, for which a U.S. Non-Provisional Patent Application was filed 08 March 2012 and provided Serial No. 13/415,503, and for which a U.S. Provisional Patent Application was filed 08 March 2011 and provided Serial No. 61/450,432, and for which future applications may be filed, (collectively referred to 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.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 26th day of November, 2012.

Fuhan Liu (SEAL)
Fuhan Liu

Witnessed by: [Signature]
Signature

Date: _____

Brian Mc Glada
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: _____

Chris White
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)
Fuhan Liu

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:

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 9th day of November, 2012.

Venkatesh Sundaram (SEAL)

Witnessed by: [Signature]
Signature

Date: _____

Brian Mc Glade
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: _____

Chris White
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.

[Signature] (SEAL)
Venkatesh Sundaram

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: _____

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 19th day of November, 2012.

Nitish Kumbhat (SEAL)
Nitish Kumbhat

Witnessed by: [Signature] Date: _____
Signature

Brian McGrade
Printed Name of Witness

Witnessed by: [Signature] Date: _____
Signature

Chris White
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.

Nitish Kumbhat (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:

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 30 day of October, 2012.



Rao Tummala (SEAL)

Witnessed by: 

Signature

Date: 10/30/2012

Brian McGlade
Printed Name of Witness

Witnessed by: 

Signature

Date: 10/30/2012

Chris White
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.

Rao Tummala (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:

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 7th day of December, 2012.

Georgia Tech Research Corporation
(Assignee)

By: Kimberly Dunn

Name: Kimberly Dunn

Title: Authorized Signatory

Witnessed by: Cynthia D. Jackson
Signature

Date: December 7, 2012

Cynthia D. Jackson
Printed Name of Witness

Witnessed by: Deborah Reid
Signature

Date: December 7, 2012

Deborah Reid
Printed Name of Witness