

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the name of the first Assignor previously recorded on Reel 026492 Frame 0679. Assignor(s) hereby confirms the correct spelling of the first Assignor's name should read as Avishek Aiyar.								
<b>CONVEYING PARTY DATA</b>									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Avishek Aiyar</td> <td>05/19/2011</td> </tr> <tr> <td>Rakesh Nambiar</td> <td>06/06/2011</td> </tr> <tr> <td>David Collard</td> <td>06/20/2011</td> </tr> </tbody> </table>		Name	Execution Date	Avishek Aiyar	05/19/2011	Rakesh Nambiar	06/06/2011	David Collard	06/20/2011
Name	Execution Date								
Avishek Aiyar	05/19/2011								
Rakesh Nambiar	06/06/2011								
David Collard	06/20/2011								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	Georgia Tech Research Corporation								
<b>Street Address:</b>	505 Tenth Street, NW								
<b>City:</b>	Atlanta								
<b>State/Country:</b>	GEORGIA								
<b>Postal Code:</b>	30332-0415								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13077896</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13077896				
Property Type	Number								
Application Number:	13077896								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(404)962-6849								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
<b>Phone:</b>	(404) 885-2773								
<b>Email:</b>	ryan.schneider@troutmansanders.com								
<b>Correspondent Name:</b>	Ryan A. Schneider								
<b>Address Line 1:</b>	600 Peachtree Street, NE, Suite 5200								
<b>Address Line 2:</b>	Bank of America Plaza								
<b>Address Line 4:</b>	Atlanta, GEORGIA 30308-2216								
<b>ATTORNEY DOCKET NUMBER:</b>	GTRC5187								
<b>NAME OF SUBMITTER:</b>	Candice P. Dysart								

CH \$40.00 13077896

501602554

**PATENT**  
**REEL: 026628 FRAME: 0272**

**Total Attachments: 9**

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TO:TROUTMAN SANDERS LLP COMPANY:600 PEACHTREE ST NE

**UNITED STATES PATENT AND TRADEMARK OFFICE**UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JUNE 25, 2011

PTAS

TROUTMAN SANDERS LLP  
600 PEACHTREE ST NE  
STE 5200  
ATLANTA, GA 30308

\*501574694\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 06/24/2011

REEL/FRAME: 026492/0679  
NUMBER OF PAGES: 7BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: GTRC5187

ASSIGNOR:

AIYAR, AIYAR

DOC DATE: 05/19/2011

ASSIGNOR:

NAMBIAR, RAKESH

DOC DATE: 05/22/2011

ASSIGNOR:

COLLARD, DAVID

DOC DATE: 06/20/2011

ASSIGNOR:

REICHMANIS, ELSA

DOC DATE: 05/02/2011

TO:TROUTMAN SANDERS LLP COMPANY:600 PEACHTREE ST NE

026492/0679 PAGE 2

## ASSIGNEE:

GEORGIA TECH RESEARCH CORPORATION  
505 TENTH STREET, N.W.  
ATLANTA, GEORGIA 30332-0415

APPLICATION NUMBER: 13077896

FILING DATE: 03/31/2011

PATENT NUMBER:

ISSUE DATE:

TITLE: POLYMER FILM-PRODUCING METHODS AND DEVICES PRODUCED  
THEREFROM

ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION

TO:TROUTMAN SANDERS LLP COMPANY:600 PEACHTREE ST NE

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.106/24/2011  
501574694

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>Aiyar Aiyar</td> <td>05/19/2011</td> </tr> <tr> <td>Rakesh Nambiar</td> <td>05/22/2011</td> </tr> <tr> <td>David Collard</td> <td>06/20/2011</td> </tr> <tr> <td>Elsa Reichmanis</td> <td>05/02/2011</td> </tr> </tbody> </table>		Name	Execution Date	Aiyar Aiyar	05/19/2011	Rakesh Nambiar	05/22/2011	David Collard	06/20/2011	Elsa Reichmanis	05/02/2011
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David Collard	06/20/2011										
Elsa Reichmanis	05/02/2011										
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Street Address:	505 TENTH STREET, N.W.										
City:	ATLANTA										
State/Country:	GEORGIA										
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Phone:	4048852773										
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Address Line 1:	600 Peachtree ST NE										
Address Line 2:	STE 5200										
Address Line 4:	Atlanta, GEORGIA 30308										
ATTORNEY DOCKET NUMBER:	GTRC5187										
NAME OF SUBMITTER:	Ryan A. Schneider										
Total Attachments: 5											

CHI \$40.00 | 13077896

TO:TROUTMAN SANDERS LLP COMPANY:600 PEACHTREE ST NE

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## **ASSIGNMENT**

**WHEREAS**, we, Avishek Aiyar, Rakesh Nambiar, David Collard, and Elsa Reichmanis (collectively "Assignor"), have invented certain improvements in Polymer Film-Producing Methods And Devices Produced Therefrom, for which a U.S. Provisional Application was filed 31 March 2010 and provided Serial No. 61/319,469, and for which a U.S. Non-Provisional Application was filed 31 March 2011 and provided Serial No. 13/077,896, (collectively the "Application"), and whereas Assignor may file additional patent applications, including PCT applications, 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 therefor; 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 19<sup>th</sup> day of MAY, 2011.

Aiyar (05/19/2011) (SEAL)  
Avishek Aiyar

Witnessed by: Zhaokang Hu  
Signature

Date: 05/19/2011

Zhaokang Hu  
Printed Name of Witness

Witnessed by: Boyi Fu  
Signature

Date: 05/20/2011

Boyi Fu  
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 \_\_\_\_\_, 2011.

\_\_\_\_\_  
(SEAL)  
Avishek Aiyar

State of \_\_\_\_\_

County of \_\_\_\_\_

On this \_\_\_\_ day of \_\_\_\_\_, 2011, 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 IN WITNESS WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_  
day of May 22<sup>nd</sup>, 2011.

\_\_\_\_\_  
Rakesh Nambiar (SEAL)

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_  
Signature

Date: \_\_\_\_\_

\_\_\_\_\_  
Printed Name of Witness

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

<sup>MM</sup> IN WITNESS WHEREOF, I have hereunto set my hand and seal this 6<sup>th</sup> day of  
June, 2011.

Rakesh Nambiar (SEAL)  
Rakesh Nambiar

State of DE

County of New Castle

On this 6<sup>th</sup> day of June, 2011, 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.

Meredith Anne Murray  
NOTARY PUBLIC

(SEAL)

My Commission Expires:

**MEREDITH ANNE MURRAY**  
**NOTARY PUBLIC**  
**STATE OF DELAWARE**  
My commission expires Aug. 21, 2013

IN WITNESS WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

\_\_\_\_\_  
David Collard (SEAL)

Witnessed by: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name of Witness

Witnessed by: \_\_\_\_\_ Date: \_\_\_\_\_  
Signature

\_\_\_\_\_  
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 20 day of June, 2011.

\_\_\_\_\_  
David Collard (SEAL)

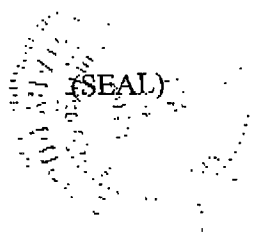
State of Georgia

County of Fulton

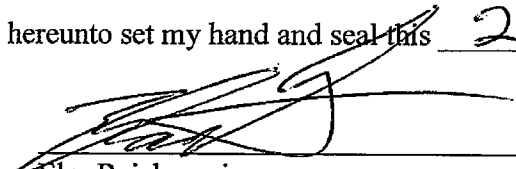
On this 20 day of June, 2011, before me, a notary public, came to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.

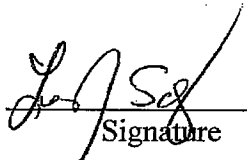
Michele M. Yager  
NOTARY PUBLIC

My Commission Expires: 5/10/13



IN WITNESS WHEREOF, I have hereunto set my hand and seal this 2 day of May, 2011.

  
\_\_\_\_\_  
Elsa Reichmanis (SEAL)

Witnessed by:   
Signature

Date: 5/2/11

Leslie J. Schlag  
Printed Name of Witness

Witnessed by:   
Signature

Date: 5/2/11

Rochelle Moses  
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 \_\_\_\_\_, 2011.

\_\_\_\_\_  
Elsa Reichmanis (SEAL)

State of \_\_\_\_\_

County of \_\_\_\_\_

On this \_\_\_\_ day of \_\_\_\_\_, 2011, 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: