

# PATENT ASSIGNMENT

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Leo Zhaoqing LIU Ph.D	02/10/2011
Christian PRIOU	02/15/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Rhodia, Inc.
<b>Street Address:</b>	8 Cedar Brook Drive
<b>Internal Address:</b>	CN-7500
<b>City:</b>	Cranbury
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	08512-7500
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12951789
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	2010-146 RD 02036
<b>NAME OF SUBMITTER:</b>	John S. Child, Jr.
<b>Total Attachments: 3</b> source=Assignment_Liu_Priou_to_Rhodia#page1.tif	

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**PATENT**  
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**PATENT**

**REEL: 025858 FRAME: 0908**

**ASSIGNMENT**

**WHEREAS, WE**, Leo Zhaoqing LIU, a citizen of Canada, residing at 4 Hedgecroft Drive, Pennington, New Jersey, 08534, and Christian PRIOU, a citizen of France, residing at 23 Place des Carmelites, 63040 Clermont Ferrand Cx9, France, hereinafter termed the Assignors, are the inventors of certain new and useful improvements in

**GRAFTING POLYMERIZATION OF GUAR  
AND OTHER POLYSACCHARDES BY ELECTRON BEAMS**

described and claimed in the Application for Letters Patent of the United States, Docket RD 02036, Serial No. 12/951,789, filed the 22<sup>nd</sup> day of November, 2010, which claims the benefit of Serial No. 10/607,079, filed the 25<sup>th</sup> day of June, 2003, which issued as United States Patent No. 7,838,667 B1 on November 23, 2010, which claims the benefit of United States Provisional Application No. 60/391,689, filed the 25<sup>th</sup> day of June, 2002, and United States Provisional Application No. 60/405,547, filed the 23<sup>rd</sup> day of August, 2002; and

**WHEREAS, RHODIA, INC.**, a corporation organized under the laws of the State of Delaware, having its principal place of business at CN-7500, 8 Cedar Brook Drive, Cranbury, New Jersey 08512-7500, hereafter termed the Assignee, desires to acquire 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 WE, the Assignors, being under an obligation to assign said invention to RHODIA, INC., for good and valuable consideration, do hereby assign, sell, transfer and set over unto the Assignee, its successors and assigns, the entire right, title and interest in and to the invention, application and the patent or patents now granted or to be granted thereon in the United States of America and in all countries foreign thereto, together with the right to claim in respect of all foreign countries the priority date of the application filed in the United States of America;

AND WE, the Assignors, hereby affirm that our title in and to the invention hereby conveyed is free from any and all outstanding licenses or adverse rights and hereby covenant that we will hereafter execute any and all lawful documents and papers which may be necessary to completely vest the title to the invention, the application and United States and foreign patents, and to any continuation, continuation in part, renewal, division or reissue of the application or patents, in the Assignee its successors or assigns;

AND WE, the Assignors, hereby request and authorize the Commissioner of Patents and Trademarks to issue the Letters Patent of the United States which may be granted on the application to the Assignee, its successors and assigns.

IN WITNESS WHEREOF, I have hereunto signed my name this 10th  
day of Feb., 2011.

  
Leo Zhaoqing LIU

State of New Jersey                 )  
County of Middlesex                 ) ss:

ANN GREGORZEX  
NOTARY PUBLIC OF NEW JERSEY  
MY COMMISSION EXPIRES  
SEPTEMBER 15, 2011

On this 10<sup>th</sup> day of January, 2011, personally appeared before me, **Leo Zhaoqing LIU**, of Pennington, New Jersey, to me personally known and personally known to me to be the person described in and who executed the foregoing instrument and acknowledged to me that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto signed my name this \_\_\_\_\_  
day of \_\_\_\_\_, 2011.

Christian PRIOU

AND WE, the Assignors, hereby affirm that our title in and to the invention hereby conveyed is free from any and all outstanding licenses or adverse rights and hereby covenant that we will hereafter execute any and all lawful documents and papers which may be necessary to completely vest the title to the invention, the application and United States and foreign patents, and to any continuation, continuation in part, renewal, division or reissue of the application or patents, in the Assignee its successors or assigns;

AND WE, the Assignors, hereby request and authorize the Commissioner of Patents and Trademarks to issue the Letters Patent of the United States which may be granted on the application to the Assignee, its successors and assigns.

IN WITNESS WHEREOF, I have hereunto signed my name this \_\_\_\_\_  
day of \_\_\_\_\_, 2011.

Leo Zhaoqing LIU

State of New Jersey                 )  
County of Middlesex                 ) ss:

On this \_\_\_\_\_ day of \_\_\_\_\_, 2011, personally appeared before me, **Leo Zhaoqing LIU**, of Pennington, New Jersey, to me personally known and personally known to me to be the person described in and who executed the foregoing instrument and acknowledged to me that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto signed my name this 15  
day of February, 2011.

**Christian PRIOU**