

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Xuefa Li	01/20/2010
C. Glen Wensley	01/20/2010
Zhengming Zhang	01/20/2010
<b>RECEIVING PARTY DATA</b>	
Name:	Celgard LLC
Street Address:	13800 South Lakes Drive
City:	Charlotte
State/Country:	NORTH CAROLINA
Postal Code:	28273
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12689418
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ATTORNEY DOCKET NUMBER:	2000.270
NAME OF SUBMITTER:	Robert H. Hammer III
Total Attachments: 2 source=Assignment#page 1.tif	

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**PATENT**  
**REEL: 023877 FRAME: 0627**



## ASSIGNMENT

Docket No. 2000.270  
Serial No. 12/689,418  
Filed: January 19, 2010

WHEREAS, UNDERSIGNED

**Xuefa Li**, a citizen of the People's Republic of China  
**C. Glen Wensley**, a citizen of the United States of America  
**Zhengming Zhang**, a citizen of the United States of America

residing at

3552 Weddington Oaks, Matthews, North Carolina 28104, US  
580 Highway 324 West, Rock Hill, South Carolina 29730, US  
10314 Lady Candice Lane, Charlotte, North Carolina 28270, US

have invented certain new and useful improvements (INVENTION) disclosed, shown, and described in an APPLICATION for Letters Patent of the United States entitled

### "X-RAY SENSITIVE BATTERY SEPARATORS AND RELATED METHODS"

Docket No. 2000.270, said APPLICATION having been filed on January 19, 2010, and

WHEREAS, by virtue of a pre-existing obligation of assignment, the UNDERSIGNED have been under a continuous obligation since prior to the invention of the subject matter of the said APPLICATION to assign the said APPLICATION to **Celgard, LLC**, and

WHEREAS, **Celgard, LLC**, a corporation of Delaware, US, having an office at 13800 South Lakes Drive, Charlotte, North Carolina 28273, US (ASSIGNEE) is desirous of acquiring the entire right, title and interest in and to the INVENTION, in this and any foreign country, and in and to any Letters Patent of the United States or any foreign country which may be granted embracing the INVENTION.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, UNDERSIGNED by these presents, sells, assigns and transfers unto ASSIGNEE, its legal representatives, successors, and assigns, the entire right, title and interest for the United States and all foreign countries, in and to the INVENTION, and in and to the said APPLICATION, and in and to any applications for Letters Patent which have been or may be filed in any foreign country on said INVENTION, and in and to any and all priority rights generated by the filing of said APPLICATION in the United States or any foreign country, which may be granted covering the INVENTION, including any continuations, substitutions, divisions, reissues, or renewals thereof, said Letters Patent whether of this country or any foreign country to be held and enjoyed by ASSIGNEE for its interest, for its own use and behalf, and for its legal representatives, successors, and assigns, to the full end of the term for which said Letters Patent may be granted as fully and

entirely as the same would have been held by UNDERSIGNED had this assignment and sale not been made.

THE UNDERSIGNED covenant not to have executed and will not execute any agreement in conflict with this assignment.

IN WITNESS WHEREOF this assignment has been executed by UNDERSIGNED on the date opposite their name.

Date Jan 20, 2010 Li: Xuefa  
Xuefa Li

Date Jan 20, 2010 C. Glen Wensley  
C. Glen Wensley

Date 1/20/2010 Zhengming Zhang  
Zhengming Zhang

State of North Carolina )

County of Mecklenburg )

On Jan 20, 2010, 2010 before me a Notary Public in and for the county and state aforesaid, appeared **Xuefa Li**, **C. Glen Wensley**, and **Zhengming Zhang** to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act, and for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given.

(seal)

Christopher W. Sawyer  
Notary Public

My Commission Expires:

Oct. 24, 2012