

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Zhengming Zhang	09/21/2007
RECEIVING PARTY DATA	
Name:	Celgard LLC
Street Address:	13800 South Lakes Drive
City:	Charlotte
State/Country:	NORTH CAROLINA
Postal Code:	28273
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11858364
CORRESPONDENCE DATA	
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Address Line 4:	Charlotte, NORTH CAROLINA 28226
ATTORNEY DOCKET NUMBER:	2000.208
NAME OF SUBMITTER:	Robert H. Hammer III
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

CH \$40.00 11858364

ASSIGNMENT

Docket No. 2000.208
Serial No. 11/858,364
Filed: September 20, 2007

WHEREAS, UNDERSIGNED

Zhengming Zhang

a citizen of the United States of America, residing at

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

**"AN X-RAY SENSITIVE BATTERY SEPARATOR AND A METHOD
FOR DETECTING THE POSITION OF A SEPARATOR IN A BATTERY"**

Docket No. 2000.208, said APPLICATION having been filed on September 20, 2007, 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 Sept. 21, 2007 
ZHENGMING ZHANG

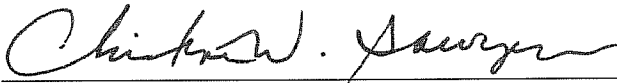
State of North Carolina)

County of Mecklenburg)

On Sept. 21, 2007 before me a Notary Public in and for the county and state aforesaid, appeared ZHENGMING ZHANG, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his 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)


Notary Public

My Commission Expires:

10/24/2007

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