

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Xiangyun Wei</td><td>02/12/2007</td></tr><tr><td>Charles Haire</td><td>02/13/2007</td></tr></tbody></table>	Name	Execution Date	Xiangyun Wei	02/12/2007	Charles Haire	02/13/2007	
Name	Execution Date						
Xiangyun Wei	02/12/2007						
Charles Haire	02/13/2007						
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							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11674180</td></tr></tbody></table>	Property Type	Number	Application Number:	11674180			
Property Type	Number						
Application Number:	11674180						
CORRESPONDENCE DATA							
Fax Number:	(704)927-0485						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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ATTORNEY DOCKET NUMBER:	2000.224						
NAME OF SUBMITTER:	Robert H. Hammer III						
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif							

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PATENT

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REEL: 018885 FRAME: 0959

ASSIGNMENT

Docket No. 2000.224
Serial No. 11/674,180
Filed: February 13, 2007

WHEREAS, UNDERSIGNED

Xiangyun Wei (citizen of the People's Republic of China)
Charles Haire (citizen of the United States of America)

residing at

17311 Brightstone Court, Charlotte, North Carolina 28277, US
1777 Beacon Road, Lancaster, South Carolina 29720, US

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

"BIAXIALLY ORIENTED MICROPOROUS MEMBRANE"

Docket No. 2000.224, said APPLICATION having been filed on February 13, 2007, and

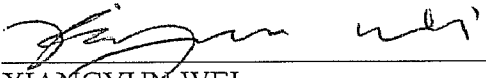
WHEREAS, by virtue of a pre-existing obligation of assignment, the UNDERSIGNED have been under a continuous obligation since prior to the invention of the subject matter of the said APPLICATION to assign the said APPLICATION to Celgard LLC, and

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.

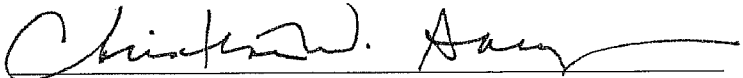
Date 2/12/2007  (LS)
XIANGYUN WEI

State of North Carolina)

County of Mecklenburg)

On Feb. 12, 2007 before me a Notary Public in and for the county and state aforesaid, appeared XIANGYUN WEI, 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.


Notary Public

My Commission Expires:

10/26/2007

Date Feb. 13, 2007 Charles Haire (LS)
CHARLES HAIRE

State of North Carolina)

County of Mecklenburg)

On Feb 13, 2007 before me a Notary Public in and for the county and state aforesaid, appeared CHARLES HAIRE, 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.

Clinton W. Haire
Notary Public

My Commission Expires:

10/26/2007

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