

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4116541

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KRISTOFFER K. STOKES	10/21/2016
WILLIAM JOHN MASON	09/22/2016
KANG KAREN XIAO	09/26/2016
XIAOMIN ZHANG	09/22/2016
BARRY J. SUMMEY	09/22/2016
ROBERT MORAN	09/22/2016
JEFFREY GORDON POLEY	09/22/2016
BRIAN R. STEPP	09/22/2016
CHANGQING WANG ADAMS	09/22/2016
DANIEL R. ALEXANDER	10/10/2016
SHANTE P. WILLIAMS	09/22/2016
ANDREW EDWARD VOSS	09/22/2016
DOUGLAS GEORGE ROBERTSON	09/27/2016
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:	15267566
CORRESPONDENCE DATA	
Fax Number:	(704)927-0485
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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PATENT

Address Line 2:	SUITE G
Address Line 4:	CHARLOTTE, NORTH CAROLINA 28226

ATTORNEY DOCKET NUMBER:	2000.374-1
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NAME OF SUBMITTER:	ROBERT H. HAMMER III
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SIGNATURE:	/robert h hammer iii/
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DATE SIGNED:	10/27/2016
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Total Attachments: 4

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ASSIGNMENT

Docket No. 2000.374-1
Serial No. 15/267,566
Filed: September 16, 2016

WHEREAS, UNDERSIGNED

- 1) **Kristoffer K. STOKES**, a citizen of the United States of America
- 2) **William John MASON**, a citizen of the United States of America
- 3) **Kang Karen XIAO**, a citizen of Canada
- 4) **Xiaomin ZHANG**, a citizen of Canada
- 5) **Barry J. SUMMEY**, a citizen of the United States of America
- 6) **Robert MORAN**, a citizen of the United States of America
- 7) **Jeffrey Gordon POLEY**, a citizen of the United States of America
- 8) **Brian R. STEPP**, a citizen of the United States of America
- 9) **Changqing Wang ADAMS**, a citizen of the United States of America
- 10) **Daniel R. ALEXANDER**, a citizen of the United States of America
- 11) **Shante P. WILLIAMS**, a citizen of the United States of America
- 12) **Andrew Edward VOSS**, a citizen of the United States of America
- 13) **Douglas George ROBERTSON**, a citizen of the United States of America

residing at

- 1) 39 Old Farm Road, Lunenburg, Massachusetts 01462, US
- 2) 5775 McConnells Highway, McConnells, South Carolina 29726, US
- 3) 5543 Middlebury Drive, Mississauga, Ontario L5M5G7, CA
- 4) 12125 Humholdt Drive, Charlotte, North Carolina 28277, US
- 5) 1836 Montague Road, Lake Wylie, South Carolina 29710, US
- 6) 2465 Wellington Chase Drive, Concord, North Carolina 28027, US
- 7) 12645 Woodside Falls Road, Pineville, North Carolina 28134, US
- 8) 18309 Studman Brach Avenue, Charlotte, North Carolina 28278, US
- 9) 1057 Kilpatrick Lane, Fort Mill, South Carolina 29708, US
- 10) 5015 Caliterra Drive, Matthews, North Carolina 28104, US
- 11) 640 North Church Street, #2208, Charlotte, North Carolina 28202, US
- 12) 1969-B Ebenezer Road, Rock Hill, South Carolina 29732, US
- 13) 9901 Withers Road, Charlotte, North Carolina 28278, US

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

**IMPROVED MEMBRANES, CALENDERED MICROPOROUS MEMBRANES,
BATTERY SEPARATORS, AND RELATED METHODS**

Docket No. 2000.374, said APPLICATION having been filed on September 16, 2016, 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 limited liability company 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 10/21/2016




Kristoffer K. STOKES

Date 9-22-2016



William John MASON

Date Sept. 26, 2016


Kang Karen XIAO

Date 22-sept. 2016


Xiaomin ZHANG

Date 22-Sept. - 2016


Barry J. SUMMEY

Date 22-SEPT-2016


Robert MORAN


Date 22-September - 2016


Jeffrey Gordon POLEY

Date 22-Sept. - 2016

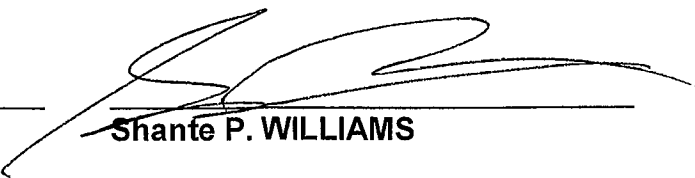

Brian R. STEPP

Date 9/22/16


Changqing Wang ADAMS

Date 10/10/16


Daniel R. ALEXANDER

Date 9/22/16 
Shante P. WILLIAMS

Date 9-22-2016 
Andrew Edward VOSS

Date 9/27/2016 
Douglas George ROBERTSON

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