

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Amitava Sengupta	10/03/2006
Linus I. Holstein	10/09/2006
E. Wayne Bouldin Jr.	10/03/2006
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:	29249676
CORRESPONDENCE DATA	
Fax Number: (704)927-0485	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone: 704-927-0400	
Email: bhammer@hammerpatent.com	
Correspondent Name: Robert H. Hammer III	
Address Line 1: 3125 Springbank Lane, Suite G	
Address Line 4: Charlotte, NORTH CAROLINA 28226	
ATTORNEY DOCKET NUMBER:	2000.180A-B
NAME OF SUBMITTER:	Robert H. Hammer III
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

CH \$40.00 29249676

PATENT

500165552

REEL: 018401 FRAME: 0925

ASSIGNMENT

Docket No. 2000.180A-B

Serial No.

Filed:

WHEREAS, UNDERSIGNED

Amitava Sengupta; Linus I. Holstein; E. Wayne Bouldin, Jr.

citizens of the United States of America, residing at

2900 Alpine Forest Court, Charlotte, North Carolina 28270, USA

391 Poole Road, Salisbury, North Carolina 28146, USA

37 Doby's Bridge Road, Fort Mill, South Carolina 29715, USA

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

**"THREE-PORT HIGH PERFORMANCE MINI
HOLLOW FIBER MEMBRANE CONTACTOR"**

Docket No. 2000.180A-B, said APPLICATION being executed concurrently herewith, 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 his name.

Date 10-3-06

Amitava Sengupta (LS)
AMITAVA SENGUPTA

Date 10-9-06

Linus I. Holstein (LS)
LINUS I. HOLSTEIN

Date Oct. 3, 2006

E. Wayne Bouldin, Jr. (LS)
E. WAYNE BOULDIN, JR.

State of North Carolina)

County of Mecklenburg)

On Oct. 3 + Oct 9, 2006 before me a Notary Public in and for the county and state aforesaid, appeared AMITAVA SENGUPTA, LINUS I. HOLSTEIN, and E. WAYNE BOULDIN, JR. 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:

10/26/2007

H:\2000\180A-B\Assignment.DOC