

PATENT ASSIGNMENT

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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>EDWARD GEORGE HOWARD JR.</td><td>04/12/2007</td></tr><tr><td>BRYAN BENEDICT SAUER</td><td>03/29/2007</td></tr><tr><td>RALPH BIRCHARD LLOYD</td><td>03/28/2007</td></tr><tr><td>MARK GARY WEINBERG</td><td>03/27/2007</td></tr><tr><td>RONALD JAMES MCKINNEY</td><td>03/27/2007</td></tr></tbody></table>	Name	Execution Date	EDWARD GEORGE HOWARD JR.	04/12/2007	BRYAN BENEDICT SAUER	03/29/2007	RALPH BIRCHARD LLOYD	03/28/2007	MARK GARY WEINBERG	03/27/2007	RONALD JAMES MCKINNEY	03/27/2007	
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RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>E. I. DU PONT DE NEMOURS AND COMPANY</td></tr><tr><td>Street Address:</td><td>1007 MARKET STREET</td></tr><tr><td>Internal Address:</td><td>LEGAL-PATENTS</td></tr><tr><td>City:</td><td>WILMINGTON</td></tr><tr><td>State/Country:</td><td>DELAWARE</td></tr><tr><td>Postal Code:</td><td>19898</td></tr></table>	Name:	E. I. DU PONT DE NEMOURS AND COMPANY	Street Address:	1007 MARKET STREET	Internal Address:	LEGAL-PATENTS	City:	WILMINGTON	State/Country:	DELAWARE	Postal Code:	19898	
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<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11593958</td></tr></tbody></table>	Property Type	Number	Application Number:	11593958									
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Application Number:	11593958												
CORRESPONDENCE DATA													
Fax Number: (302)992-4773 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: (302) 992-2973													
Email: CAROL.A.REEDER@USA.DUPONT.COM													
Correspondent Name: GAIL D. TANZER													
Address Line 1: 4417 LANCASTER PIKE													
Address Line 2: LEGAL-PATENTS													
Address Line 4: WILMINGTON, DELAWARE 19805													
ATTORNEY DOCKET NUMBER:	CL2998USNA												

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500296365

PATENT
REEL: 019430 FRAME: 0965

NAME OF SUBMITTER:

CAROL REEDER

Total Attachments: 5

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ASSIGNMENT

We, the undersigned

EDWARD GEORGE HOWARD, JR., RALPH BIRCHARD LLOYD,
RONALD JAMES MCKINNEY, BRYAN BENEDICT SAUER, MARK
GARY WEINBERG

Hereby declare that

We are the true and first inventors of an invention entitled

LAMINATES OF CHITOSAN FILMS

and which is disclosed in United States Patent Application No. 11/593958 filed on November 07, 2006 (and which is identified as Case Number CL2998USNA).

For valuable consideration, the receipt and adequacy of which is hereby acknowledged and in fulfillment of our pre-existing obligation of assignment, we hereby:

I. Sell, assign, and transfer unto **E. I. DU PONT DE NEMOURS AND COMPANY**, a corporation organized and existing under the laws of State of Delaware in the United States of America and having its principal place of business at Wilmington, Delaware, hereinafter referred to as the assignee, (A) the sole and entire right, title, and interest in and to: (1) the aforesaid application for Letters Patent, (2) any priority rights derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property and any other treaty or understanding for intellectual property for any and all member countries of the aforesaid International Convention or other treaty or understanding, (3) any and all our inventions, whether joint or sole, disclosed in the aforesaid application for Letters Patent, (4) any and all applications for Letters Patent for any such inventions in any country whatsoever, (5) any and all patents for any such inventions in any country whatsoever; and (B) the sole right to (1) file such applications in its name or ours, (2) to file such applications under the aforesaid International Convention or other treaty or understanding, (3) have said patents granted in its name or ours, and (4) enforce said patents and to sue for and recover profits and damages for any and all infringements thereof whether past or future; and

II. Agree, whenever requested, to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to us respecting said rights, to testify in any legal proceeding respecting said rights, to execute all applications, papers or instruments necessary or required by said assignee, its successors, assigns and legal representatives to carry into effect any of the provisions of this instrument, and generally to do everything possible to aid said assignee, its successors, assigns, and legal representatives to obtain and enforce proper patent protection for said inventions in any and all countries.

Edward George Howard, Jr. (L.S.)

EDWARD GEORGE HOWARD, JR.

DATE: 4/12/07

BRYAN BENEDICT SAUER

DATE: _____

RALPH BIRCHARD LLOYD

DATE: _____

MARK GARY WEINBERG

DATE: _____

RONALD JAMES MCKINNEY

DATE: _____

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RONALD JAMES MCKINNEY, BRYAN BENEDICT SAUER, MARK
GARY WEINBERG

Hereby declare that

We are the true and first inventors of an invention entitled

PROCESSES FOR MAKING SELECTIVELY PERMEABLE LAMINATES

and which is disclosed in United States Patent Application No. 11/593777 filed on November 07, 2006 (and which is identified as Case Number CL3752USNA).

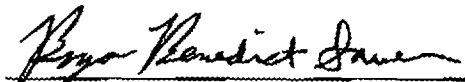
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(L.S.)
EDWARD GEORGE HOWARD, JR.

DATE: _____


(L.S.)

BRYAN BENEDICT SAUER

DATE: 3/29/07

(L.S.)
RALPH BIRCHARD LLOYD

DATE: _____

(L.S.)
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DATE: _____

(L.S.)
RONALD JAMES MCKINNEY

DATE: _____

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_____(L.S.)
EDWARD GEORGE HOWARD, JR.
DATE: _____

Ralph Birchard Lloyd (L.S.)
RALPH BIRCHARD LLOYD
DATE: March 28, 2007

_____(L.S.)
RONALD JAMES MCKINNEY
DATE: _____

_____(L.S.)
BRYAN BENEDICT SAUER
DATE: _____

_____(L.S.)
MARK GARY WEINBERG
DATE: _____

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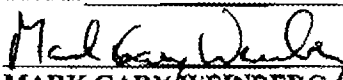
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DATE: _____

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DATE: _____

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_____(L.S.)
RALPH BIRCHARD LLOYD
DATE: _____

_____(L.S.)
MARK GARY WEINBERG
DATE: _____

Ronald James McKinney (L.S.)
RONALD JAMES MCKINNEY
DATE: 3/27/07