

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>SUSAN MARIE HENNESSEY</td><td>10/23/2007</td></tr><tr><td>JULIE FRIEND</td><td>10/17/2007</td></tr></tbody></table>		Name	Execution Date	SUSAN MARIE HENNESSEY	10/23/2007	JULIE FRIEND	10/17/2007
Name	Execution Date						
SUSAN MARIE HENNESSEY	10/23/2007						
JULIE FRIEND	10/17/2007						
RECEIVING PARTY DATA							
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Street Address:	4417 LANCASTER PIKE						
Internal Address:	LEGAL-PATENTS						
City:	WILMINGTON						
State/Country:	DELAWARE						
Postal Code:	19805						
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>11843157</td></tr></tbody></table>		Property Type	Number	Application Number:	11843157		
Property Type	Number						
Application Number:	11843157						
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NAME OF SUBMITTER:	CAROL REEDER						
Total Attachments: 2 source=CL3996USNA#page1.tif							

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PATENT
REEL: 021231 FRAME: 0476

ASSIGNMENT

We, the undersigned

SUSAN MARIE HENNESSEY AND JULIE FRIEND

Hereby declare that

We are the true and first inventors of an invention entitled

IMPROVED BIOMASS PRETREATMENT

and which is disclosed in United States Patent Application No. 11/843157 filed on August 22, 2007 (and which is identified as Case Number CL3996USNA).

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.


SUSAN MARIE HENNESSEY

DATE: Oct 23, 2007

(L.S.)

JULIE FRIEND

DATE: _____

PATENT

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(L.S.)

SUSAN MARIE HENNESSEY

DATE: _____

(L.S.)

JULIE FRIEND

DATE: 10/17/07

PATENT

RECORDED: 07/14/2008

REEL: 021231 FRAME: 0479