

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Samuel Frisch</td><td>06/23/2005</td></tr><tr><td>Robert E. Loudon</td><td>06/23/2005</td></tr></tbody></table>	Name	Execution Date	Samuel Frisch	06/23/2005	Robert E. Loudon	06/23/2005	
Name	Execution Date						
Samuel Frisch	06/23/2005						
Robert E. Loudon	06/23/2005						
RECEIVING PARTY DATA							
Name:	Shaw Intellectual Property Holdings, Inc.						
Street Address:	4171 Essen Lane						
City:	Baton Rouge						
State/Country:	LOUISIANA						
Postal Code:	70809						
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>10877338</td></tr></tbody></table>	Property Type	Number	Application Number:	10877338			
Property Type	Number						
Application Number:	10877338						
CORRESPONDENCE DATA							
Fax Number:	(225)388-9133						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	1-225-387-0999						
Email:	russel.primeaux@keanmiller.com						
Correspondent Name:	Russel O. Primeaux						
Address Line 1:	P. O. Box 3513						
Address Line 4:	Baton Rouge, LOUISIANA 70821-3513						
NAME OF SUBMITTER:	Russel O. Primeaux, Reg. No. 37,213						
Total Attachments: 4 source=15147-10118 assignments#page1.tif source=15147-10118 assignments#page2.tif source=15147-10118 assignments#page3.tif source=15147-10118 assignments#page4.tif							

CH \$40.00 10877338

500037802

PATENT  
REEL: 016201 FRAME: 0713

## ASSIGNMENT

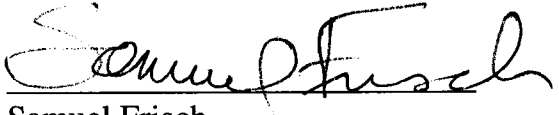
Whereas, I, Samuel Frisch, of 57 Jeanine Court, Manalapan, New Jersey, 07726 (the "Applicant"), am a co-inventor of a new and useful method described in an application for a United States Patent entitled "SYSTEM AND METHOD FOR SEPARATING BIOMASS FROM MEDIA IN A FLUIDIZED BED REACTOR," bearing Application Number 10/877,338, filed with the U.S. Patent & Trademark Office on June 25, 2004;

Whereas, Shaw Intellectual Property Holdings, Inc., a Louisiana corporation, (hereinafter "Assignee"), having its principal business address at 4171 Essen Lane, Baton Rouge, Louisiana 70809, is desirous of acquiring the entire right, title, and interest in the invention; and

NOW, THEREFORE, in consideration of the sum of One dollar (\$1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the Applicant, by these presents do sell, assign and transfer unto said Assignee the full and exclusive right to the Inventions in the United States and in all foreign countries and the entire right, title and interest in and to any and all patent applications, including the rights in any substitute, continuation, continuation-in-part, and divisional application, which may be filed and patents which may be granted therefor in the United States and in any foreign countries, including the right to claim priority rights for such foreign applications to which such applications are entitled under international conventions, treaties or otherwise, and any reissue or reexamination patents issued thereon. I hereby authorize

and request the Commissioner of Patents and Trademarks to issue said United States Patent to said Assignee of the entire right, title, and interest in and to the Invention, for Assignee's sole use and benefit and for the use and benefit of Assignee's legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment not been made.

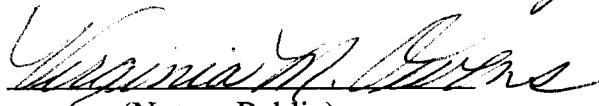
Executed this 23<sup>rd</sup> day of June, 2005, at LAWRENCEVILLE, New Jersey.

  
Samuel Frisch

State of New Jersey

County of Monmouth

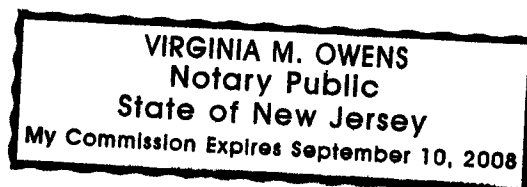
Before me personally appeared said Samuel Frisch who acknowledged the foregoing instrument to be his free act and deed this 23 day of June, 2005.

  
(Notary Public)

Seal

Printed Name:

My Commission Expires:



## ASSIGNMENT

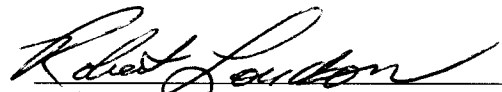
Whereas, I, Robert E. Loudon, of 134 Maxim Road, Howell, New Jersey, 07731 (the "Applicant"), am a co-inventor of a new and useful method described in an application for a United States Patent entitled "SYSTEM AND METHOD FOR SEPARATING BIOMASS FROM MEDIA IN A FLUIDIZED BED REACTOR," bearing Application Number 10/877,338, filed with the U.S. Patent & Trademark Office on June 25, 2004;

Whereas, Shaw Intellectual Property Holdings, Inc., a Louisiana corporation, (hereinafter "Assignee"), having its principal business address at 4171 Essen Lane, Baton Rouge, Louisiana 70809, is desirous of acquiring the entire right, title, and interest in the invention; and

NOW, THEREFORE, in consideration of the sum of One dollar (\$1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the Applicant, by these presents do sell, assign and transfer unto said Assignee the full and exclusive right to the Inventions in the United States and in all foreign countries and the entire right, title and interest in and to any and all patent applications, including the rights in any substitute, continuation, continuation-in-part, and divisional application, which may be filed and patents which may be granted therefor in the United States and in any foreign countries, including the right to claim priority rights for such foreign applications to which such applications are entitled under international conventions, treaties or otherwise, and any reissue or reexamination patents issued thereon. I hereby authorize

and request the Commissioner of Patents and Trademarks to issue said United States Patent to said Assignee of the entire right, title, and interest in and to the Invention, for Assignee's sole use and benefit and for the use and benefit of Assignee's legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment not been made.

Executed this 23 day of JUNE, 2005, at LAWRENCEVILLE, New Jersey.

  
Robert Loudon

State of New Jersey

County of Monmouth

Before me personally appeared said Samuel Frisch who acknowledged the foregoing instrument to be his free act and deed this 23 day of June, 2005.

  
(Notary Public)

Seal

Printed Name:

My Commission Expires:

