

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
John S Hsu	03/11/2008
RECEIVING PARTY DATA	
Name:	UT-Battelle, LLC
Street Address:	One Bethel Valley Road
Internal Address:	4500N, MS-6258
City:	Oak Ridge
State/Country:	TENNESSEE
Postal Code:	37831-6258
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12009682
CORRESPONDENCE DATA	
Fax Number:	(865)574-0381
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(865) 574-4178
Email:	scuddergt@ornl.gov
Correspondent Name:	Joseph A. Marasco
Address Line 1:	One Bethel Valley Road
Address Line 2:	4500N, MS-6258
Address Line 4:	Oak Ridge, TENNESSEE 37831-6258
ATTORNEY DOCKET NUMBER:	1859.1
NAME OF SUBMITTER:	Gwen T. Scudder
Total Attachments: 3 source=1859_1#page1.tif source=1859_1#page2.tif	

CH 12009682 \$40.00

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PATENT
REEL: 020635 FRAME: 0408

ASSIGNMENT

WHEREAS, I the below-named inventor whose residence and post office are as stated below, have invented certain new and useful improvements in

UTILIZATION OF ROTOR KINETIC ENERGY STORAGE FOR HYBRID

(hereinafter referred to as "Subject Invention") for which are described in United States Patent Application No. 12/009,682 filed on January 22, 2008, and

WHEREAS, UT-BATTELLE, LLC, a limited liability company of the State of Tennessee, having an office at One Bethel Valley Road, P. O. Box 2008, Oak Ridge, Tennessee 37831-6258, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest of the undersigned in the Subject Invention and to any Letters Patent that may be granted therefor in the United States of America and in any and all foreign countries.

NOW, THEREFORE, in accordance with the terms of my employment agreement with ASSIGNEE and for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby assign to ASSIGNEE my entire right, title and interest in the Subject Invention to all rights of priority thereto pursuant to the International Convention for the Protection of Industrial Property, and in any Letters Patent on the Subject Invention that may be granted in the United States of America and in any and all foreign countries, including any and all Letters Patent that are divisions, reissues, continuations, substitutions or extensions of any Letters Patent or applications therefor on the Subject Invention.

I hereby authorize and request the Commissioner of the United States Patent and Trademark Office and the officials of any and all foreign countries to issue any and all of said Letters Patent, when granted, to the ASSIGNEE.

Further, I hereby agree to communicate to said ASSIGNEE or its representatives any facts known to me respecting said Subject Invention, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, to execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, and to make all rightful oaths and generally do everything possible to aid said ASSIGNEE and its representatives to obtain and enforce proper protection for said Subject Invention in the United States of America and in any and all foreign countries.

I further agree that the terms, covenants and conditions of this assignment shall inure to the benefit of ASSIGNEE, its successors, assigns, and legal representatives, and shall be binding on me, my heirs, legal representatives, and assigns.

Full name of inventor: John S. Hsu

Signature: John S. Hsu Date: March 11, 2008

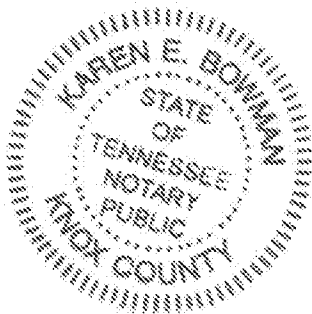
Residence: 139 Marietta Circle, Oak Ridge, Tennessee 37830

Post Office Address: 139 Marietta Circle, Oak Ridge, Tennessee 37830

State of Tennessee)
County of Reese)

On this 11th day of March, 2008, before me, a Notary Public in and for the County and State aforesaid, appeared **JOHN S. HSU** to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given.



Karen E. Bowman
Notary Public

SEAL

My Commission Expires: My Commission Expires June 5, 2010