PATENT ASSIGNMENT

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SUBMISSION TYPE:		NEW ASSIGNMENT					
NATURE OF CONVEYANCE:		ASSIGNMENT					
CONVEYING PARTY DATA							
	Name Execution Date						
Thatcher Root 12/02/2010							
RECEIVING PARTY DATA							
Name:	Wisconsin Alu	mni R	esearch Foundation				
Street Address:	614 Walnut Str	reet					
City:	Madison						
State/Country:	WISCONSIN	WISCONSIN					
Postal Code:	53726	53726					
PROPERTY NUMBERS Total: 2							
Property Type			Number				
Application Number: 12		12875	2875420				
Application Number: 6123		61239	75420 39883				
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ATTORNEY DOCKET NUMBER:			P08455US02				
NAME OF SUBMITTER:			Katie Rice				
Total Attachments: 2 source=P08455US02 Root Assignment#page1.tif source=P08455US02 Root Assignment#page2.tif							

ASSIGNMENT (Sole Inventor)

I am the person identified as the inventor and have contributed to a new and useful invention (the "Invention") described in the provisional or utility United States patent application and/or the patent application filed under the Patent Cooperation Treaty, as identified below. These patent application(s) are identified as follows:

Filing Type	e	Filing Country	Serial Number	Filing Date			
EXTENDED-RANGE HEAT TRANSFER FLUID USING VARIABLE COMPOSITION							
PAT		UNITED STATES	12/875420	September 3, 2010			

EXTENDED-RANGE HEAT TRANSFER FLUID USING VARIABLE COMPOSITION					
PRV	UNITED STATES	61/239883	September 4, 2009		

For good and valuable consideration, the receipt of which I hereby acknowledge, I do hereby sell, assign, and transfer to the Wisconsin Alumni Research Foundation ("WARF"), a non-stock, non-profit, Wisconsin corporation, and to its legal representatives, successors and assigns, my entire right, title and interest in and to the Invention and to all United States provisional and utility applications as well as foreign patents or patent applications any of which cover all or part of the Invention. WARF shall hold such right, title and interest as fully and completely as they would have been held by me had this assignment and sale not been made.

I further agree, upon WARF's request, to execute any documents, including any separate assignments, declarations or other legal documents, that WARF may find necessary or desirable in its exercise of the right, title and interest assigned above. I further agree to communicate to WARF any facts relating either to the Invention or to any of the patent or patent applications based on the Invention that might be useful to WARF and to testify about any such facts in any interferences or litigation, if requested by WARF to do so. I shall do the above acts without additional compensation but at no expense to me.

Should the application number of any of the patent applications referenced above be unavailable the date that I execute this document, WARF is authorized by me to insert the application number and filing dates of these patent applications into this document. WARF is also specifically authorized to record this document as evidence of my assignment to WARF of any subsequent United States patent application claiming priority from any of the above identified patent applications.

Ref: P08455US02 Wisconsin Alumni Research Foundation ASSIGNMENT Wisconsin Alumni Research Foundation Ref: P08455US02 App.#: 12/875420, Filed: September 3, 2010

Inventor:

Date: $\frac{12}{2}/10$

Thatcher Root 2530 Gregory Street Madison, WI 53711-1929

State of Wisconsin))ss. County of Dane)

On this 2 day of <u>pecember</u>, 2010 before me personally appeared Thatcher Root, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

Notary Public

My Commission expires: Sept 7, 2014