

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Richard L Battiste	03/07/2006
RECEIVING PARTY DATA	
Name:	UT-Battelle LLC
Street Address:	Bethel Valley Road
Internal Address:	PO Box 2008
City:	Oak Ridge
State/Country:	TENNESSEE
Postal Code:	37831-6255
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11324764
CORRESPONDENCE DATA	
Fax Number:	(512)394-0119
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	512-394-0118
Email:	john@bruckner.net
Correspondent Name:	John J Bruckner
Address Line 1:	5708 Back Bay Lane
Address Line 4:	Austin, TEXAS 78739-1723
ATTORNEY DOCKET NUMBER:	UBAT1770
NAME OF SUBMITTER:	John J Bruckner
Total Attachments: 2 source=11324764#page1.tif source=11324764#page2.tif	

CH \$40.00 11324764

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

**Richard L. Battiste**

Serial No.: 11/324,764

Filed: January 3, 2006

For: APPARATUS FOR CHARACTERIZING  
THE TEMPORO-SPATIAL PROPERTIES  
OF A DYNAMIC FLUID FRONT AND  
METHOD THEREOF

Group Art Unit: 2857

Examiner: \_\_\_\_\_

Atty. Dkt. No.: UBAT1770

**ASSIGNMENT TO UT-BATTELLE LLC**

WHEREAS, I (we) , the below-named inventors, whose residence and post office is (are) as stated below, have invented certain new and useful improvements in APPARATUS FOR CHARACTERIZING THE TEMPORO-SPATIAL PROPERTIES OF A DYNAMIC FLUID FRONT AND METHOD THEREOF for which an application for United States Letters Patent was executed on Mar. 7, '06, the specification having been filed on January 3, 2006, and accorded U.S. Serial No. 11/324,764 and

WHEREAS, UT-Battelle, LLC, a limited liability company of the State of Tennessee, having an office at Oak Ridge National Laboratory, Bethel Valley Road, P.O. Box 2008, Oak Ridge, Tennessee 37831-6255, hereinafter called the ASSIGNEE, is desirous of acquiring the entire right, title and interest in the application and invention and to any Letters Patent that may be granted therefore in the United States of America and in any and all foreign countries. (Agents of ASSIGNEE are authorized to fill in blanks and make corrections in this document).

NOW THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I (we) hereby assign to ASSIGNEE the entire right, title and interest in the application and the 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 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 therefore on the invention.

I (we) 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 (we) hereby agree to communicate to said ASSIGNEE or its representatives any facts known to us respecting said 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 invention in the United States of America and in any and all foreign countries.

I (we) 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 (us), our heirs, legal representatives, and assigns.

Full name of First (or sole) Inventor: **Richard L. Battiste**

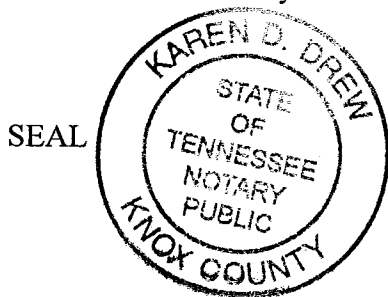
Inventor's Signature: *Richard L. Battiste* ..Date: 3/7/06

Residence: 32 Outer Drive, Oak Ridge, Tennessee 37830

State of Tennessee  
County of Roane

On this 7 day of March, 2006, before me, a Notary Public in and for the County and State aforesaid, appeared Richard L. Battiste, 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.



Notary Public  
*Karen D. Drew*

My Commission Expires April 1, 2006