

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Eric P. Rubenstein	08/27/2007
RECEIVING PARTY DATA	
Name:	Advanced Fuel Research, Inc.
Street Address:	87 Church Street
City:	East Hartford
State/Country:	CONNECTICUT
Postal Code:	06108-3728
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12814258
CORRESPONDENCE DATA	
Fax Number:	(412)281-0717
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	412-454-5000
Email:	docketingpgh@pepperlaw.com
Correspondent Name:	PEPPER HAMILTON LLP
Address Line 1:	ONE MELLON CENTER, 50TH FLOOR
Address Line 2:	500 GRANT STREET
Address Line 4:	PITTSBURGH, PENNSYLVANIA 15219
ATTORNEY DOCKET NUMBER:	130377.00121
NAME OF SUBMITTER:	Curtis C. Wadsworth
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

OP \$40.00 12814258

ASSIGNMENT

WHEREAS ERIC P. RUBENSTEIN (hereinafter collectively, the "Assignor"), is the inventor of a certain new and useful invention as set forth and disclosed in a non-provisional application for United States Letters Patent, entitled *APPARATUS AND METHOD FOR DETECTION OF RADIATION* filed February 28, 2006, as Application Serial No. 11/364,027 and as PCT Application No. PCT/US2006/006914 on 28 February 2006, which further claims priority to U.S. Provisional Application No. 60/656,980 filed February 28, 2005 (hereinafter collectively, the "Invention").

WHEREAS, **ADVANCED FUEL RESEARCH, INC.**, having an address of 87 Church Street, East Hartford, CT 06108-3728 ("Assignee"), is desirous of acquiring the entire right, title and interest in and to said Invention and in and to any and all Letters Patent of the United States and foreign countries that may be obtained therefor for said Invention;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and set over unto Assignee, its legal representatives, successors, and assigns, the entire right, title and interest in and to said Invention as set forth in the above-mentioned application, including any applications which claim priority to the above referenced application, any applications to which the above referenced applications claim priority, and any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said Invention;

UPON SAID CONSIDERATION, Assignor shall not execute any writing or do any act whatsoever conflicting with the terms and conditions of this Agreement, and that Assignor will, at any time upon request, without further or additional consideration, but at the expense of said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for or obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said Invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any and all proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind and inure to the benefit of the assigns and legal representatives of Assignor and Assignee;

The undersigned hereby grant(s) the firm of PEPPER HAMILTON LLP the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

AND we request that any Patents that may be issued for said Invention be issued to said Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

By: *E P Rubenstein* *Eric P Rubenstein*
Name: Eric P. Rubenstein

Date: August 23, 2007

STATE OF ~~Massachusetts~~)
~~Connecticut~~) SS:
COUNTY OF Hartford
~~Hampden~~)

On this 27 day of August, 2007, before me personally appeared Eric P. Rubenstein, known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes therein set forth.

SEAL

Susana White
Notary Public

My commission expires SUSANA WHITE
NOTARY PUBLIC
MY COMMISSION EXPIRES APR. 30, 2011

