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(Rev. 6-93) S . 13 . 9 RECORD/	ET Patent and Trademark Office
	101068084  Please record the attached original documents or copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Lockheed Martin Energy Research Corporation	Name: Lockheed Martin Energy Systems, Inc.  Internal Address: Oak Ridge National Laboratory
Additional name(s) of conveying party(ies) attached? Dyes MNo	
3. Nature of conveyance:  Assignment	Street Address: Scarboro Road, P.O. Box 2009  City: Oak Ridge State: TN Zip: 37831-8243  Additional name(s) & address(es) attached?
<ol> <li>Application number(s) or patent number(s):</li> <li>If this document is being filed with a new application,</li> <li>A. Patent Application No.(s)</li> <li>09/036,935</li> </ol>	the execution date of the application is:  B. Patent No.(s)
Additional numbers a	↓ attached? □ Yes <b>■ N</b> o
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: <u>Daniel G. Radler</u> Internal Address: <u>Quarles &amp; Brady LLP</u>	7. Total Fee (37 CFR 34) \$40.00  □ Enclosed ■ Authorized to be charged to deposit account
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PATENT REEL: 010021 FRAME: 0295

Docket No: ERID 1947-Y/610625.90411

## **ASSIGNMENT**

WHEREAS, LOCKHEED MARTIN ENERGY RESEARCH CORPORATION, a corporation of the State of Delaware, having an office at Oak Ridge National Laboratory, Bethel Valley Road, P.O. Box 2008, Oak Ridge, Tennessee 37831-6255, hereinafter ASSIGNOR, has acquired the entire right, title and interest in the application and invention and to any letters patent that may be granted therefor in the United States of America and in any and all foreign countries for certain new and useful improvements in

## CONTINUOUS MICROWAVE REGENERATION METHOD AND APPARATUS FOR ABSORPTION MEDIA

for which an application for United States Letters Patent was filed on March 9, 1998, and further identified as U.S. Patent Application No. 09/036,935, and

WHEREAS, LOCKHEED MARTIN ENERGY SYSTEMS, INC., a corporation of the State of Delaware, having an office at Oak Ridge National Laboratory, Scarboro Road, P.O. Box 2009, Oak Ridge, Tennessee 37831-8243, 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 therefor in the United States of America and in any and all foreign countries.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby assigns to ASSIGNEE the entire right, title, and interest in the application and the invention, to all rights of property 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 therefor on the invention.

ASSIGNOR hereby authorizes and requests 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, ASSIGNOR hereby agrees to communicate to said ASSIGNEE or its representatives any facts known to ASSIGNOR 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 American and in any and all foreign countries.

ASSIGNOR 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 ASSIGNOR, its successors, legal representatives and assigns.

1 of 2

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PATENT REEL: 010021 FRAME: 0296

Docket No: ERID 1947-Y/610625.90411

Full name of Officer of Assignor: George L/ Craig, General Patent Counsel

Officer of Assignor Signature

Date: 5-12-99

State of <u>Tennessee</u> )
County of <u>Anderson</u> )

RECORDED: 05/13/1999

On this 12thday of May, 1999, before me, a Notary Public in and for the County and State aforesaid, appeared George L. Craig, 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 given above.

otary Public

My Commission Expires: 3-2-02

SEAL

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\*\* TOTAL PAGE.07 \*\*

PATENT REEL: 010021 FRAME: 0297