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FORM PTO-1595
(Revised 6-93)



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1 COVER SHEET
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TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS:

Please record the attached original documents or copy thereof.

ATTORNEY DOCKET NO.: 12022.0004

1. Name of conveying party(ies): Reid L. Kress and John F. Jansen

Additional names of conveying party(ies) attached?

☐ YES ☒ NO

2. Name and address of receiving party(ies):

Name :Lockheed Martin Energy Research Corporation

Internal Address: Oak Ridge National Laboratory

Street Address: Bethel Valley Road, P.O. Box 2008

City: Oak Ridge

State: Tennessee

Zip: 37831-6255

Additional name(s) and address(es) attached?

☐ YES ☒ NO

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Other

☐ Security Agreement

☐ Change of Name

Execution Date: KRESS, Reid L. (May 19, 1999) and JANSEN, John F. (May 10, 1999)

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: (Filed February 19, 1999).

A. Patent Application No.(s): 09/253,186

B. Patent No.(s):

Additional numbers attached? ☐ YES ☒ NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Gregory J. Kirsch, Esquire
NEEDLE & ROSENBERG, P.C.
Suite 1200, The Candler Building
127 Peachtree Street, N.E.
Atlanta, Georgia 30303-1811
(404) 688-0770

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):

☒ Enclosed

☐ Authorized to be charged to Deposit Account.

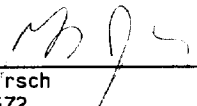
The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 14-0629.

8. Deposit account number: 14-0629

(Attach duplicate copy of this form if paying by deposit account)

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9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.



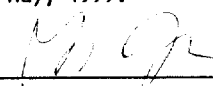
Gregory J. Kirsch
Reg. No. 35,572

1 JUNE 1999

Date

Total Number of Pages Including Cover Sheet, Attachments, and Document: 5

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: BOX ASSIGNMENT, Commissioner of Patents and Trademarks, Washington, D.C. 20231, on this 25 day of May, 1999.



Gregory J. Kirsch

1 JUNE 1999

Date

ASSIGNMENT

WHEREAS, we, **Reid L. Kress and John F. Jansen** of 206 Conors Circle, Oak Ridge, Tennessee, 37830, U.S.A and 11321 Spring Hollow Dr., Knoxville, Tennessee, 37932, U.S.A., respectively, have invented new and useful improvements in an **"APPARATUS AND METHODS FOR A HUMAN DE-AMPLIFIER SYSTEM"** for which an application for United States Letters Patent was filed on February 19, 1999, Serial No. 09/253,186; and

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 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, in consideration of the sum of Ten Dollars (\$10.00), the receipt of which is hereby acknowledged, 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 therefor on the invention.

ATTORNEY DOCKET NO. 12022.0004

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, 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.

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 us, our heirs, legal representatives, and assigns.

We also authorize counsel for Lockheed Martin Energy Research Corporation to enter above the serial number of the application when they become available.

IN WITNESS WHEREOF, we have executed this Assignment this 19+10 day of May, 1999.

ATTORNEY DOCKET NO. 12022.0004

Reid L. Kress (L.S.)
Reid L. Kress

State of Tennessee

County of Roane

On this 19th day of May, 1999, before me, a Notary Public, came Reid L. Kress, to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.

James M. Spicer
Notary Public

My Commission Expires: August 16, 2000

John F. Jansen (L.S.)
John F. Jansen

State of Tennessee

County of Roane

On this 10th day of May, 1999, before me, a Notary Public, came John F. Jansen, to me known and known to be the individual described in and who executed the foregoing assignment, and he duly acknowledged the same to be his free act and deed.

James M. Spicer
Notary Public

My Commission Expires: August 16, 2000