

09-27-1999

Form PTO-1595  
1-31-92U.S. DEPARTMENT OF COMMERCE  
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PATENTS ONLY

MPD 9-16-99

To the Honorable Commissioner of Patents and Trademarks:  
Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

David P. Norton

Additional name(s) of conveying  
party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_Execution Date: Sept. 16, 1999

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

LOCKHEED MARTIN ENERGY RESEARCH CORPORATION, INC.

Name: \_\_\_\_\_

Internal Address: Post Office Box 2009Oak Ridge, Tennessee 37831-8243Street Address: 701 Scarboro RoadCity: Oak Ridge ST: TN Zip: 37831-8243

Additional name(s) &amp; address(es) attached

☐ Yes ☒ No

## 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: Sept. 16, 1999

A. Patent Application No.(s)

09/397719

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No1004 U.S. PTO  
09/397719  
09/16/995. Name and address of party to whom  
corresponding concerning document  
should be mailed:Joseph A. Marasco  
Name: Oak Ridge Nat. Lab.Internal Address: Post Office Box 2008Oak Ridge, Tennessee 37831-6258Street Address: 701 Scarboro RoadCity: Oak Ridge ST: TN Zip: 37831-62586. Total number of applications  
and patents involved:

1

## 7. Total fee (37 CFR 3.41)

\$ 40.00☒ Enclosed☐ Authorized to be charged to  
deposit account

## 8. Deposit Account number:

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

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## 9. Statement and signature.

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

Michael E. McKee

Name of Person Signing

Michael E. McKee  
Signature

Sept. 16, 1999

Date

Total number of pages comprising cover sheet:

1

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40.00 OP

PATENT  
REEL: 010260 FRAME: 0001

A S S I G N M E N T

WHEREAS, I, the below-named inventor whose residence and post office is as stated below, have co-invented certain new and useful improvements in

**METHOD OF PHYSICAL VAPOR DEPOSITION OF METAL OXIDES  
ON SEMICONDUCTORS AND STRUCTURES FORMED WITH THE METHOD**

for which an application for United States Letters Patent, naming David P. Norton as inventor, was executed on the date identified as follows:

Date of Execution: Sept. 16, 1999 by David P. Norton

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 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, I 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 or any Letters Patent or applications therefor on the invention.

I 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 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 further agree that the terms, covenants and conditions of this assignments 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.

Full name of inventor: David P. Norton

Inventor's Signature: [Signature] Date: 9-16-99

Residence: Knoxville, Tennessee

Post Office Address: 1013 Turnberry Road  
Knoxville, Tennessee 37923

Citizenship: United States of America

State of Tennessee )  
County of Knox ) §

On this 16th day of September, 1999, before me, a Notary Public in and for the County and State aforesaid, appeared David P. Norton, 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.

September 16th, 1999

[Signature]  
Notary Public  
My commission expires: 2-02-2002

Seal