

Form PTO-1595  
1-31-92

07-17-1998

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

MRD

7-9-98

100766347

30542 U.S. PTO  
09/12/98

To the Assistant Commissioner of Patents:

Please record the attached original documents or copy thereof.

## 1. Name of the conveying party:

Amit Goyal

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

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: July 9, 1998

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

Name: Lockheed Martin Energy Research CorporationInternal Address: Post Office Box 2009Oak Ridge, Tennessee 37831-8243Street Address: 701 Scarboro RoadCity: Oak Ridge

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: July 9, 1998

A. Patent Application No.(s)

Docket No. ERID 0312

B. Patent No. (s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom  
corresponding concerning document  
should be mailed:

J. Kenneth Davis, *Patent Agent*  
Lockheed Martin Energy Research Corporation  
P O Box 2009  
Oak Ridge, Tennessee 37831-8243

6. 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: 138958  
(Attach duplicate copy of this page  
if paying by deposit account)

DO NOT USE THIS SPACE

## 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.

J. Kenneth Davis  
Name of Person Signing

Signature

July 9, 1998  
Date

Total number of pages including cover sheet, attachment and document:

PATENT

REEL: 9308 FRAME: 0013

**ASSIGNMENT**

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

**BIAXIALLY TEXTURED ARTICLES FORMED BY PLASTIC DEFORMATION**

for which an application for United States Letters Patent was executed by me on even date herewith, and

WHEREAS, LOCKHEED MARTIN ENERGY RESEARCH CORPORATION, a corporation of the State of Delaware, having an office at Scarborough & Bear Creek Rd., 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, 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 of 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 assignment shall inure to the benefit of ASSIGNEE, its successors, assigns, and legal representatives, and shall be binding on me, my heirs, legal representatives, and assigns.

Docket No. ERID 0312  
Assignment

Full name of first inventor: Amit Goyal

Inventor's Signature: [Signature]

Date: 07/01/98

Residence: 300 Walker Springs Road #19E, Knoxville, Tennessee 37923

Post Office Address: 300 Walker Springs Road #19E, Knoxville, Tennessee 37923

Citizenship: India

State of Tennessee  
County of Anderson

On this 7<sup>th</sup> day of July, 1998, before me, a Notary Public in and for the County and State aforesaid, appeared Amit Goyal 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.

[Signature]  
J. Kenneth Davis, Notary Public

SEAL

My Commission Expires: November 18, 2000.