

12-31-1998



U.S. Department of Commerce
Patent and Trademark Office
PATENT

100933755

Docket 0446

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- ☐ Correction of PTO Error
Reel # Frame #
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Reel # Frame #

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- ☒ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
- ☐ Merger ☐ Other
- U.S. Government**
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- ☐ Departmental File ☐ Secret File

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☒ Mark if additional names of conveying parties attached

Name (line 1) Execution Date
Month Day Year

Name (line 2)

Second Party

Name (line 1) Execution Date
Month Day Year

Name (line 2)

Receiving Party

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Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

☐ If document to be recorded
is an assignment and the
receiving party is not
domiciled in the United
States, an appointment
of a domestic
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(Designation must be a
separate document from
Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

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Address (line 4)

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PATENT
REEL: 9665 FRAME: 0598

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office
PATENT

35 U.S.C. 1732
12/15/98

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Execution Date
Month Day Year

Name (line 1) Janney, Mark A.

12/7/98

Name (line 2)

Execution Date
Month Day Year

Name (line 1) McMillan, April D.

12/8/98

Name (line 2)

Execution Date
Month Day Year

Name (line 1) Kirby, Glen H.

12/10/98

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

Correspondent Name and Address

Area Code and Telephone Number **423-574-4178**

Name **Joseph A. Marasco**

Address (line 1) **Lockheed Martin Energy Research Corp.**

Address (line 2) **P. O. Box 2009**

Address (line 3) **701 Scarboro Road**

Address (line 4) **Oak Ridge, Tennessee 37831-8243**

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

6

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year
12/7/98

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned.

PCT PCT PCT
PCT PCT PCT

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ **40.00**

Method of Payment:
Deposit Account

Enclosed ☐ Deposit Account ☒

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

13-1958

Authorization to charge additional fees:

Yes ☒

No ☐

Statement and Signature

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. Charges to deposit account are authorized, as indicated herein.

Joseph A. Marasco
Name of Person Signing


Signature

DEC 15 1998
Date

ASSIGNMENT

WHEREAS, WE, the below-named inventors whose residence and post office are as stated below, have invented certain new and useful improvements in a

Polymer Gel Molds

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

WHEREAS, LOCKHEED MARTIN ENERGY RESEARCH CORPORATION., a corporation of the State of Delaware, having an office at 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, for good and valuable consideration, 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.

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.

Full name of first inventor: Claudia A. Walls

Signature: Claudia A. Walls

Date: 12/07/98

Residence: Oak Ridge, Tennessee

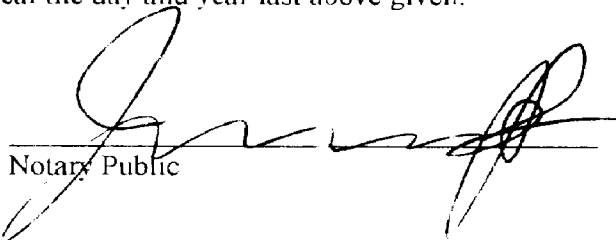
Post Office Address: 123 N. Hollywood Circle, Oak Ridge, Tennessee 37830

State of Tennessee)

County of Roane)

On this 7 day of DECEMBER, 1998, before me, a Notary Public in and for the County and State aforesaid, appeared Claudia A. Walls 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.



Notary Public

SEAL

My Commission Expires:

**MY COMMISSION EXPIRES
JUNE 12, 2002**

Full name of second inventor: Stephen D. Nunn

Signature: Stephen D. Nunn Date: 12/7/98

Residence: Knoxville, Tennessee

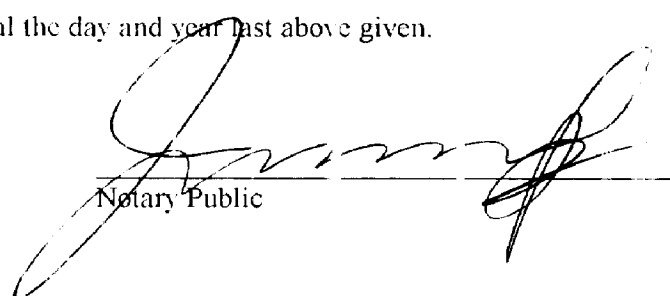
Post Office Address: 4116 Guinn Road, Knoxville, Tennessee 37931

State of Tennessee)

County of Roane)

On this 7 day of DECEMBER, 1998, before me, a Notary Public in and for the County and State aforesaid, appeared Stephen D. Nunn 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.



Notary Public

SEAL

My Commission Expires:

**MY COMMISSION EXPIRES
JUNE 12, 2002**

Full name of third inventor: Mark A. Janney

Signature: Mark A. Janney

Date: 12/7/98

Residence:

Knoxville, Tennessee

Post Office Address:

13112 Naylor Ridge Lane, Knoxville, Tennessee 37922

State of Tennessee)

County of Roane)

On this 7 day of DECEMBER, 1998, before me, a Notary Public in and for the County and State aforesaid, appeared Mark A. Janney 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]
Notary Public

SEAL

My Commission Expires:

**MY COMMISSION EXPIRES
JUNE 12, 2002**

Full name of fourth inventor: April D. McMillan

Signature April D McMillan Date 12/8/98

Residence: Knoxville, Tennessee

Post Office Address: 1608 Drinnen Road, Knoxville, Tennessee 37914

State of Tennessee)

County of Roane)

On this 8 day of DECEMBER, 1998, before me, a Notary Public in and for the County and State aforesaid, appeared April D. McMillan 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.



Notary Public

SEAL

My Commission Expires:

**MY COMMISSION EXPIRES
JUNE 12, 2002**

Full name of fifth inventor: Glen H. Kirby

Signature Glen H. Kirby Date 12/10/98

Residence: Knoxville, Tennessee

Post Office Address: 1506 Fair Drive, Knoxville, Tennessee 37918

IL
State of ~~Tennessee~~
County of ~~Roane~~ Champaign

On this 10th day of December, 1998, before me, a Notary Public in and for the County and State aforesaid, appeared Glen H. Kirby 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.

Peggy S. Meier
Notary Public

SEAL

My Commission Expires:

