

10-30-2001

Atty. Docket No. 8571:46

Form PTO 1595
1-31-82

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PATENTS ONLY

SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents & Trademarks: Please record the attached original documents or copies thereof

Marc Dubois of Clifton Park, New York

Peter W. Lorraine of Niskayuna, New York

Robert J. Filkins of Niskayuna, New York

Thomas E. Drake, Jr. of Fort Worth, Texas

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

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

Name: Lockheed Martin Corporation

Internal Address: 6801 Rockledge Drive

Bethesda, MD 20817

State of Incorporation: New York

Street Address: 111 Congress Avenue

City: Austin State: TX ZIP: 78701

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: October 1, October 2, October 5, 2001

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: October 18, 2001

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: William N. Hulsey III

Internal Address: Hughes & Luce, L.L.P.

Street Address: 1717 Main Street

City: Dallas State: Texas ZIP: 75201

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: 50-1343

(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 information is true and correct and any attached copy is a true copy of the original document.

Rafael V. Baca; Reg. No. 44,016

Name of Person Signing

Signature

October 18, 2001

Date

Total number of pages including cover sheet: 1

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Assistant Commissioner for Patents

Box Assignments

Washington, D.C. 20231

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PATENT
REEL: 012286 FRAME: 0446

ASSIGNMENT

In consideration of One Dollar and other good and valuable consideration, of which we acknowledge receipt, we:

- (1) Marc Dubois of Clifton Park, New York;
- (2) Peter W. Lorraine of Niskayuna, New York; and
- (3) Robert J. Filkins of Niskayuna, New York,

sell and assign to General Electric Company, a New York Corporation, its successors and assigns the entire right, title and interest in and to the improvements in:

Method to Optimize Generation of Ultrasound Using Mathematical Modeling for Laser Ultrasound Inspection

invented by us as described in the application for United States patent

- ☐ Executed concurrently herewith, or
☐ U.S. Serial No. ____/____,____, filed _____, 2001

and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said United States application and authorize and request any official whose duty it is to issue patents, to issue any patents on said improvements or resulting therefrom to said General Electric Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, I will communicate to said Company or its representatives or nominees any facts known to me respecting said improvements and testify in a legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possibly to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said improvements in all countries

[Signature pages follow]

1

008571.00046:124230.01

2

008571.00046:124230.01

(1) Signed at Schenectady, NY on October 2, 2001.
(city, state) (date)

Marc Dubois
Marc Dubois

Joanne A. Smith
Notary Public

JOANNE A. SMITH
Notary Public in the State of New York
Qualified in Schenectady Co.
No. 01SM5068633
My Commission Expires Nov. 4, 2002

State of
New York
County of
Schenectady

This 2nd of October, 2001, before me personally came the above-named Marc Dubois to me personally known as the individual who executed the foregoing assignment, who acknowledge to me that he executed the same of his own free will for the purposes therein set forth.

(3) Signed at Niagara NY on Oct 5, 2001.
(city, state) (date)

Peter W. Lorraine

Peter W. Lorraine

Joanne A. Smith

Notary Public

State of
New York


County of
Schenectady

JOANNE A. SMITH
Notary Public in the State of New York
Qualified in Schenectady Co.
No. 01SM5068633
My Commission Expires Nov. 4, 2002

This 5th of October, 2001, before me personally came the above-named Peter Lorraine to me personally known as the individual who executed the foregoing assignment, who acknowledge to me that he executed the same of his own free will for the purposes therein set forth.

(4) Signed at Schenectady, NY on Oct. 2, 2001.
(city, state) (date)


Robert J. Filkins


Notary Public

JOANNE A. SMITH
Notary Public in the State of New York
Qualified in Schenectady Co.
No. 01SM5068633
My Commission Expires Nov. 4, 2002

State of New York
County of Schenectady

This 2nd of October, 2001, before me personally came the above-named Robert Filkins to me personally known as the individual who executed the foregoing assignment, who acknowledge to me that he executed the same of his own free will for the purposes therein set forth.

ASSIGNMENT - UNITED STATES PATENT APPLICATIONS

GENERAL ELECTRIC COMPANY, a New York Corporation ("GE"), for good and valuable consideration, the receipt of which is hereby acknowledged, hereby sells, assigns, transfers and sets over, to **LOCKHEED MARTIN CORPORATION**, a Maryland corporation ("LMC"), all the right, title and interest of GE in, to and under the United States patent application(s) (and the invention(s) claimed thereby) set forth below:

<u>Docket #</u>	<u>Title</u>
RDMM-28207	METHOD TO OPTIMIZE GENERATION OF ULTRASOUND USING MATHEMATICAL MODELING FOR LASER ULTRASOUND INSPECTION

and executed and assigned to GE by the inventor(s):

Marc Dubois on October 2 2001,

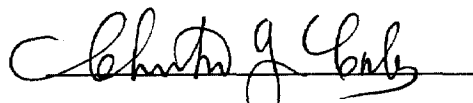
Peter W. Lorraine on October 5, 2001

Robert J. Filkins on October 2, 2001

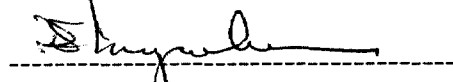
including all rights of re-issue, extension, division or continuation, and the right to sue and recover damages for infringement thereof, the same to be held and enjoyed by LOCKHEED MARTIN CORPORATION for its own use and for its successors and assigns to the full end of the terms of the listed patent application(s) and any other patent application(s) or patent(s) which may result from the listed patent application(s) as fully as entirely as the same would have been held and enjoyed by GE if this assignment had not been made.

GE has caused its corporate seal to be affixed and this Assignment to be executed by its duly authorized representative this 5th day of October, 2001.

GENERAL ELECTRIC COMPANY


Christian G. Cabou

ATTEST:



Attesting Secretary

ASSIGNMENT

This Assignment is made by **Thomas E. Drake, Jr.** of Fort Worth, Texas (hereinafter referred to as "Assignor").

WHEREAS, Assignor has invented a new and useful invention entitled **METHOD TO OPTIMIZE GENERATION OF ULTRASOUND USING MATHEMATICAL MODELING FOR LASER ULTRASOUND**, for which an application for United States Letters Patent is made, said application being filed with the U.S. Patent and Trademark Office concurrently herewith; and

WHEREAS, Assignor believes himself to be the original inventor of the invention disclosed and claimed in said application for Letters Patent; and

WHEREAS, the parties desire to have a recordable instrument assigning the entire right, title and interest in and to said invention, said application and any Letters Patent that may be granted for said inventions in the United States and throughout the world;

NOW, THEREFORE, in accordance with the obligations to assign the invention and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor sells, assigns, and transfers to **Lockheed Martin Corporation** (hereinafter referred to as "Assignee"), the entire right, title, and interest in and to said invention, said application and any Letters Patent that may be granted for said invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties, or otherwise.

Assignor agrees that, upon request and without further compensation, but at no expense to Assignor, he and/or his legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing Letters Patent in the United States and throughout the world for said invention, and for perfecting, recording, or maintaining the title of Assignee, its successors and assigns, to said

invention, said application, and any Letters Patent granted for said invention in the United States and throughout the world.

Assignor represents and warrants that he has not granted and will not grant to others any rights inconsistent with the rights granted herein.

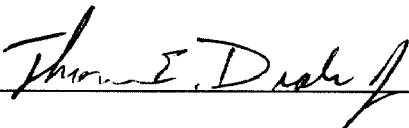
Assignor authorizes and request the Assistant Commissioner for Patents of the United States and of all foreign countries to issue any Letters Patent granted for said invention, whether on said application or on any subsequently filed divisional, continuation, continued prosecution application or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in said invention.

IN WITNESS WHEREOF, Assignor has executed this Assignment on the date provided below.

Full name of inventor:

Thomas E. Drake, Jr.

Inventor's signature:



Date:

10/01/01

Residence (City, County, State)

Fort Worth, Tarrant County, Texas

Citizenship:

United States of America

Post Office Address:

~~2418 5th Avenue~~, Ft. Worth, TX 76110
2530 RYAN PLACE DR,

TED