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10-30-2003

Docket No. 040092-027100US

Form PTO-1595

(Rev. 10-02)

OMB No. 0651-0027 (exp. 6/30/2005)

RECOI



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

102564730

To the Honorable Commissioner of Patents and Trademarks

Original documents or copy thereof

1. Name of conveying party(ies):

James W. Matthews  
Edwin Thomas Park

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

3. Nature of conveyance:

Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☒ Other:

RE-RECORD TO CORRECT  
THE ASSIGNOR ON REEL 013924  
FRAME 0084

Execution Date: March 11, 2003

2. Name and address of receiving party(ies)

Name: Lockheed Martin Corporation

Internal Address: \_\_\_\_\_

Street Address: 6801 Rockledge Drive

City: Bethesda State: MD ZIP: 20817

Additional name(s) and 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: March 11, 2003

A. Patent Application No(s):

10402085

B. Patent No(s):

Additional numbers attached? ☐ Yes ☐ No

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

Name: Steve Y. Cho  
TOWNSEND AND TOWNSEND AND CREW LLP  
Two Embarcadero Center, 8<sup>th</sup> Floor  
San Francisco, California 94111-3834  
(415) 576-0200

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: 20-1430

(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.

Steve Y. Cho

Name of Person Signing  
Atty. Reg. No. 44,612

Signature

Date

Total number of pages including cover sheet, attachments and document 3

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks, Box Assignments  
Washington, D.C. 20231

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11/06/2003 LMUELLER 00000105 201430 10402085

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PATENT  
REEL: 014107 FRAME: 0702

04-09-2003

Attorney Docket No. 021499-002900US

Form PTO-1595

(Rev. 10-02)

OMB No. 0651-0027 (exp. 6/30/2005)



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SHEET

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

Tab settings

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

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

James W. Matthews  
Carol Court Jamison

3-27-03

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

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Other: \_\_\_\_\_

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Atty. Reg. No. 44,612

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3/27/03

Date

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PA 3294580 v1

4/08/2003 TDIAZ1 00000043 201430 10402085  
1 FC:8021 40.00 CHPATENT  
REEL: 014107 FRAME: 0703

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, James W. Matthews of 1509 Carol Court, Jamison, PA 18929; Edwin Thomas Park of 285 Oaktree Drive, Levittown, PA 19055 hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:           ROTATIONALLY CONFIGURABLE OFFSET  
REFLECTOR ANTENNA

Date(s) of execution of Declaration: March 11, 2003

Filing Date:                 Herewith

Application No.:             ; and

WHEREAS, Lockheed Martin Corporation, a corporation of the state of Maryland, located at 6801 Rockledge Drive, Bethesda, MD, 20817, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

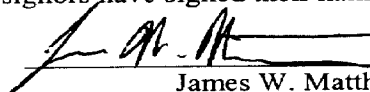
For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8<sup>th</sup> Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 3/11/03

  
James W. Matthews

STATE OF Pennsylvania )  
  )  
COUNTY OF Bucks                )       ss.

On March 11, 2003, before me, Ruth C. Margiein, personally appeared James W. Matthews, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Ruth C. Margicin  
NOTARY PUBLIC  
My Commission Expires: 

NOTARIAL SEAL RUTH C. MARGICIN, Notary Public Newtown Twp., Bucks County My Commission Expires May 12, 2003
--

Dated: 3/11/03  
Edwin T. Park  
Edwin Thomas Park

STATE OF Pennsylvania )  
COUNTY OF Bucks ) ss.

On March 11, 2003, before me, Ruth C. Margicin,  
personally appeared Edwin Thomas Park, personally known to me (or proved to me on the  
basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and  
acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature  
on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Ruth C. Margicin  
NOTARY PUBLIC  
My Commission Expires: 

NOTARIAL SEAL RUTH C. MARGICIN, Notary Public Newtown Twp., Bucks County My Commission Expires May 12, 2003
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