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FORM PTO-1595
(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)



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

1. Name of conveying party(ies):

William L. Black and Steven J. MarianAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment
☐ Security Agreement
☐ Other

- ☐ Merger
☐ Change of Name

Execution Date: August 20, 2003

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

Name: **Lockheed Martin Corporation**

Internal Address:

Street Address: **1701 West Marshall Drive**City: **Grand Prairie** State: **TX** Zip: **75051**Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or registration number(s):

If this document is being filed together with a **NEW APPLICATION**, the execution date of the application is: August 20, 2003

A. Patent Application No.(s):

10/649074

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

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

Name: **Mark W. Sincell**
Williams, Morgan & Amerson, P.C.
10333 Richmond, Suite 1100

City: **Houston** State: **Texas** Zip: **77042**6. Total number of applications and patents involved: 17. Total fee (37 C.F.R. 3.41)----- \$ **40.00**

- ☒ Enclosed
☐ Authorized to be charged to deposit account

if check insufficient or inadvertently omitted

8. Deposit account number: 50-0786/ 2063.005300/VS-00614
 (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.

Mark W. Sincell**Reg. No. 52,226**

Signature

August 26, 2003

Date

Total number of pages including cover sheet, attachments and documents: 3

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PATENT
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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to **LOCKHEED MARTIN CORPORATION** (the "Assignee"), having a place of business at 1701 West Marshall Drive, Grand Prairie, Texas 75051, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled, "**METHOD AND APPARATUS FOR DETERMINING A POSITION OF AN ATTITUDE CONTROL MOTOR ON A GUIDED MISSILE**" such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

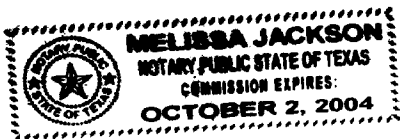
Signature: William L. Black
WILLIAM L. BLACK

Date: 8/20/03

STATE OF TEXAS §
 §
COUNTY OF Dallas TX §

BEFORE ME, the undersigned authority, on this 20 day of August, 2003, personally appeared **WILLIAM L. BLACK**, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]



Melissa Jackson
Notary or Consular Officer

Signature: *Steven J. Marian*
STEVEN J. MARIAN

Date: 8/20/2003

STATE OF TEXAS

COUNTY OF Dallas

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BEFORE ME, the undersigned authority, on this 20 day of August, 2003, personally appeared **STEVEN J. MARIAN**, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]



Melissa Jackson
Notary or Consular Officer